



Smartwash 400 Smartwash 500

Professional Under-Counter Dishwasher

equipment & operating manual



CLEANING PRODUCTS

4. Machine Dish Wash - 5L

Eswood Auto Dish Wash is a non-caustic, non-chlorinated machine utensil washing liquid for use in commercial utensil/pot washers.

5. Glass Wash - 5L

Eswood Glass Wash is a low foaming detergent for use in glass washing machines.

6. Dishwasher Powder - 10kg

Eswood Dishwasher Powder is a quick dissolving dishwasher powder with chlorine bleach for use in commercial or domestic machines.

7. Rinse Aid - 5L

Eswood Rinse Aid is added to the rinse cycle of dishwashing machines to assist rapid drying and reduce spotting. Rinse Aid controls scale formation in the rinse section and reduces foam in the wash tank.



- Tailored specifically to suit Eswood Equipment
 - Easy to handle pack sizes • Easy to use
 - Simple product choice • Australian made



**" The ONLY HACCP approved
Warewashing made in Australia
for your protection "**



TABLE OF CONTENTS

1.	PRODUCT WARNING	4
2.	WARRANTY	5
3.	TECHNICAL SPECIFICATIONS	6
4.	INSTALLATION	7
5.	WASHING OPERATION	8 - 10
6.	DISPLAY INFORMATION	11
7.	MAINTENANCE	12
8.	SETTINGS	13
9.	SELF-DIAGNOSIS	14
10.	WIRING DIAGRAM	15 - 18
11.	PARTS LIST	19 - 29
12.	SPARE-PARTS & SERVICE	30



Smartwash 400 & 500

Professional Under-Counter Dishwasher

PRODUCT WARNINGS

- This appliance is to be used only for the use for which it was designed.
- **Only qualified, authorised technicians should install the machine and are obliged to instruct users on the appliance's operation and any safety measures that are to be complied with.**
- Any type of service done on the machines, must be performed only by **ESWOOD** or authorised service personnel, using only original spare parts.
- Always disconnect or isolate the machine from the electric and water connections before performing maintenance or repairs.
- Untrained personnel must **NOT** use the machine.
- The machine must **NOT** remain powered on when it is not in use.
- **NEVER** open the machine door quickly if it has not finished the cycle..
- **NEVER** use the machine for objects other than food service ware.
- **NEVER** use the appliance or its parts as a ladder or support for people, objects or animals.
- **NEVER** overload the front-loading door. It is suitable to support only the intended rack size, loaded with kitchenware.
- **NEVER** immerse bare hands into dishwashing solutions.
- **DO NOT** turn the machine over after installation.

THE FOLLOWING IS ALSO IMPORTANT:

Never start a wash programme without the overflow in the tank.

Before you drain the tank, make sure you shut off the machine.

Never place magnetic objects near the machine, it may start when the door is open.

The machine may not be used by persons who are unauthorized or who have not been properly trained.



**" The ONLY HACCP approved
Warewashing made in Australia
for your protection "**



WARRANTY

Installation must be carried out according to local regulations by qualified trade persons. Isolating switch (es), shut-off valves etc must be within easy reach of the machine for future service and maintenance requirements. If in doubt call ESWOOD AUSTRALIA or their representative for further information. No responsibility will be accepted for defects or damages by improper installation, for changes to the product not authorised by ESWOOD AUSTRALIA, or for operation outside the technical specifications.

ESWOOD AUSTRALIA warrants their products to be free from defects in material and workmanship under "normal use and service". This does not include normal wear and tear of parts. ESWOOD AUSTRALIA will repair or replace any parts, which in ESWOOD AUSTRALIA's sole judgement are defective in material or workmanship, in accordance with the warranty offered.

This undertaking covers the provision of labour and parts for 12 months from the date of delivery to the purchaser. This undertaking applies only to state capitals. Remote areas are not covered by this commitment and special enquires should be made. **(Note: Travel time not covered by warranty).**

In no event will ESWOOD AUSTRALIA be liable for loss of facilities or other property and such things as, but not limited to, additional labour costs, loss of revenue or anticipated profits, and other damages of any kind whether direct, indirect, incidental or consequential.

Labour under warranty is supplied free of charge during normal working hours, Monday to Friday. Should warranty work be requested outside our normal working hours a labour charge will be applied equivalent to a normal hour rate without out of hour's penalty rates. (Refer to last page of this manual for your closest branch for Warranty repair services)

Note: It is the responsibility of the owner to ensure the water feed to Eswood Dish and Glass washers is of a quality that will not form excessive build up of calcium and other dissolved minerals on the heating elements. Premature failure of heating elements that exhibit this cause of failure will not be covered under warranty, also if the filter valve is discarded from the detergent tube warranty will be voided. **PLEASE ENSURE SUITABLE DETERGENT IS USED.**

NOTICE
PLEASE RETURN YOUR WARRANTY CARD



Smartwash 400 & 500

Professional Under-Counter Dishwasher

TECHNICAL SPECIFICATIONS

Machine Specifications SW400

SW500

Electrical Supply (V/Hz//ph):	240V / 50Hz / 1ph	240V / 50Hz / 1ph
Dimensions (WxDxH):	435 x 530 x 690mm (without legs)	575 x 605 x 850mm
Basket Size:	400 x 400mm or 14" x 17"	500 x 500mm
Door Entry:	325mm	365mm
Cycle Length (3 wash cycles):	60 / 90 / 120 secs	60 / 120 / 180 / 380 secs
Self Cleaning Cycle:	YES	YES
Total Installed Load:	3.5Kw / 15A	3.6Kw / 15A
Water Consumption:	Approx. 2L per cycle	Approx. 2.5L per cycle
Door Construction:	Double-Skinned	Double-Skinned
Wash / Rinse Arms:	Thermoplastic Parallel	Thermoplastic Parallel
Control Panel:	Advanced Electronic Soft-Pad	Advanced Electronic Soft-Pad
Temperature Gauges:	YES	YES
Self-Diagnostic System:	YES	YES
Built-in Detergent Dispenser:	YES	YES
Built-in Rinse-Aid Dispenser:	YES	YES
Built-in Drain Pump:	YES	YES
Thermostop:	YES	YES
Tank Strainers:	YES	YES

INSTALLATION

1. Position the machine.
2. Connect the hot water supply hose to a 3/4" B.S.P. isolating valve adjacent to the machine. The hot water input supply should be at 65°C and 200 to 400 kPa. A pressure reducing valve should be fitted for pressure above 400 kPa.

Do not make water or plumbing connections that will prevent the machine from being removed from position, for the purpose of servicing.

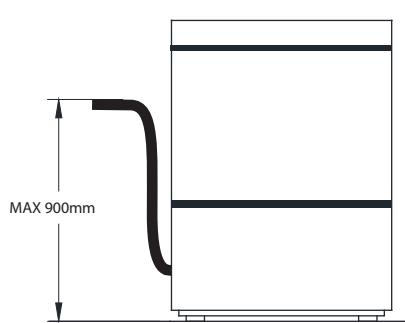
Note that all plumbing work is to be done in accordance with local plumbing codes.

3. Connect the three pin plug lead to a 15 Amp, 240V, 50Hz, 1 phase power outlet.

Note that any electrical work is to be done in accordance with the rating plate on the lower panel.

4. Place the drain hose (supplied) into a drain line with a free water trap. The hose must easily reach the drain line and be free of any kinks.
5. The installation technician is required to check for proper earthing. When testing is complete, the installation technician must issue a commissioning report concerning correct installation and testing in accordance with all standards and acceptable working practises.

Note that the maximum drain height is 900mm above the base of the machine.



WASHING OPERATION

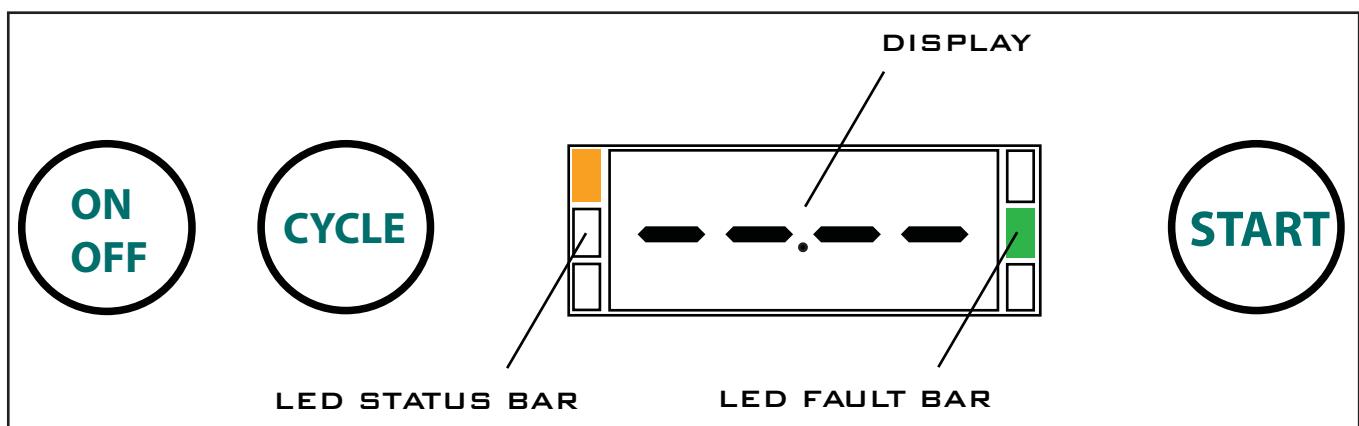


Fig.1

SWITCHING THE DISHWASHER ON

1. Turn on the main power switch and open the external water tap.
2. Ensure overflow is plugged into drain outlet.
3. Press the **On / Off** button.
4. On initial start-up, the **LED FAULT BAR** lights up, turning from **RED** to **GREEN**; checking for any errors.

Note: In the event of a serious fault, the **LED FAULT BAR** lights up in **RED** and interrupts any operations in cycle. A minor error is indicated in **ORANGE** and will not stop a cycle. For error codes turn to chapter **SELF-DIAGNOSTICS**, for further descriptions and possible remedies.

5. The flashing point on the display indicates that the wash tank is being filled and disappears when it has reached working level.
6. The **STATUS BAR** lights up from the top downwards to indicate that the dishwasher is heating up. When safe working temperatures are reached, the **STATUS BAR** remains lit in **GREEN**.

Note: If the rinse water temperature has not reached 85°C (factory set), the wash cycle is prolonged until the rinse temperature reaches safe levels. If the rinse temperature still does not reach safe temperature in the wash cycle, the error code (ErSF) shows on the display. Proceed to chapter **SELF-DIAGNOSIS** for a list of error codes and possible remedies.



**" The ONLY HACCP approved
Warewashing made in Australia
for your protection "**



WASHING OPERATION

FILLING THE RACK

1. Ensure water supply and power are turned on and drain tube is position.
2. Use a suitable rack, fill it without overloading and without placing dishes one on top of the other.
Always rinse off the dishes beforehand, and do not load dishes with dry or solid residue on them.
3. Place empty containers upside-down on the rack.
4. Wash dishes immediately after use, in order to prevent any residuals from hardening and sticking
Load the rack into the machine and close the door.

CYCLE SELECTION & START-UP

1. Press the **CYCLE** button to scroll through and select a suitable wash cycle. The display will show the cycle number chosen. Turn to section **DISPLAY INFORMATION** for information on the display codes and description.
2. To run the programme, press **START**; the **STATUS BAR** starts to flash **ORANGE**, indicating that the program is in progression.
4. When the cycle is finished, the **STATUS BAR** turns **GREEN** and 'End' shows on the display.
5. For rapid drying, remove the rack from the machine as soon as the cycle is finished.

To stop a wash cycle early, press **START**

CONTINUOUS WASH (Smartwash 500 only)

1. This program is an extended wash cycle which runs for 6 minutes and 20 seconds. Select the wash cycle 'LonG' and press start to activate the continuous wash cycle. The cycle time may be interrupted by pressing the **START** button. To activate the rinse cycle press the **START** button again. To stop rinse press **START** once only.

AUTOMATIC CYCLE START-UP

This function automatically starts a cycle by simply closing the door without pressing any buttons. Following the instructions in the section **SETTINGS**, under the code 'AA'- Autostart Autoenabling. Turning this setting **ON** will activate the automatic cycle start-up and the code 'AS' will flash on the display.

To disable the function, turn the setting 'AA' off. To disable the function for one cycle, press and hold the **START** button for 5 seconds whilst the door is open.

WASHING OPERATION

TURNING THE DISHWASHER OFF

1. Press the **On / Off** button and four segments will light up on the display indicating the dishwasher is off with power being supplied.

DRAIN & EMPTY DISHWASHER

1. With the dishwasher turned on, press the **CYCLE** button until the message 'dr' shows on the display.
2. Remove the strainer from the chamber.
3. Unplug the overflow from the tank.
4. Press the **START** button.
5. Once the tank has drained, the dishwasher switches off and four segments show on the display.

Note: When necessary, remove the tank filter and clean.

END OF SERVICE

1. At the end of the day always drain the dishwasher as described above.
2. Disconnect the power supply at the main switch and close isolating valve.
3. Remove the tank filter and clean.
4. Leave the door open to prevent any unpleasant odours inside the chamber.



**" The ONLY HACCP approved
Warewashing made in Australia
for your protection "**



DISPLAY INFORMATION

With the dishwasher on, press **CYCLE** for 5 seconds to display the dishwasher temperatures and wash cycle count.

Message	Description		
door	Door open.		
b	Rinse temperature: Factory set to 85°C		
t	Wash temperature: Factory set to 60°C		
Pr 1	Short wash cycle:	Smartwash 400: 60 seconds	Smartwash 500: 60 seconds
Pr 2	Medium wash cycle:	Smartwash 400: 90 seconds	Smartwash 500: 120 seconds
Pr 3	Long Wash:	Smartwash 400: 120 seconds	Smartwash 500: 180 seconds
Long	Continuous Wash:	Smartwash 400: N/A	Smartwash 500: 6 mins 20secs
CC	Number of cycles carried out		
End	End of cycle		
AS	Automatic start enabled		
dr	Final drain		

MAINTENANCE

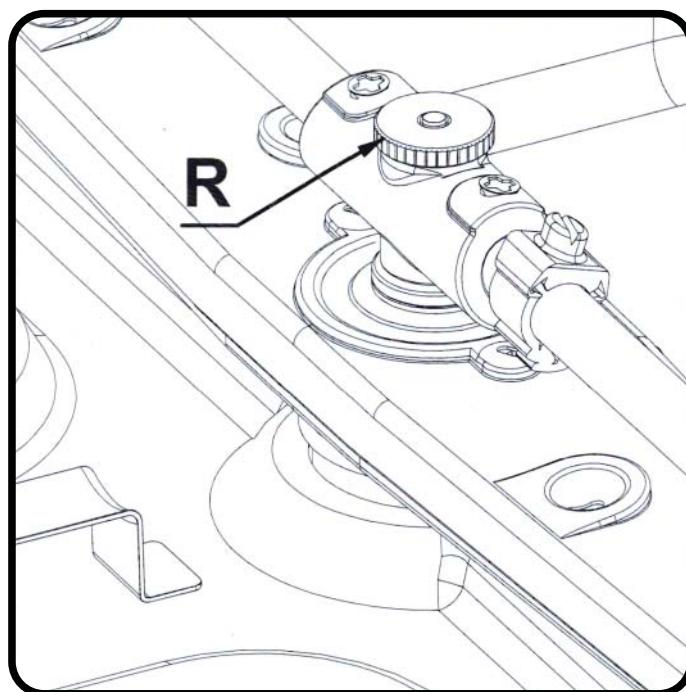
Before performing any maintenance procedures, drain all water, disconnect the electrical power supply, and close the isolating valve.

MAINTENANCE OF FILTERS

1. Remove and clean the baskets.
2. Remove the tank strainers as per the instructions in DRAIN & EMPTY section.
3. Carefully clean the integral filter.
4. Remove the standard filter by pulling it upwards as shown and clean it carefully.
5. Do not use abrasives for cleaning. Use a soapy dampy cloth.
6. Do not use pressurised jets to clean dishwasher.
7. Replace all removed parts after maintenance.

CLEANING OF WASH ARMS

1. Unscrew the stainless steel thrust screw (R)located at the centre of the wash arms.
2. Wash all parts under running water. Clean the nozzles carefully, using a toothpick or small tools if necessary.
3. Clean the arm rotation pins in the machine and the washing and rinsing water outlet area.
4. Put the arms back in place and check that they rotate freely.



SETTINGS

The following settings should only be configured by a qualified technician!

To activate settings menu:

- Put the machine in stand-by and open the door.
- Press and hold **CYCLE** and **START** buttons at the same time for 5 seconds and enter the key **Ch12**
- Press the **On / Off** button to cycle through the various functions of the dishwasher. Parameters can be enabled or changed using the **CYCLE** and **START** buttons.

Code	Description
b	Boiler Temperature Indicates boiler temperature.
t	Wash Tank Temperature Indicates wash tank temperature.
th	Thermostop Enables or disables the thermostop function. Thermostop function guarantees correct rinse temperature and should never be switched off.
ES	Energy Saving Enables or disables the energy saving function. Saves energy when dishwasher is turned on but not in use.
dn	Detergent Pump Manual operation of detergent doser.
rn	Rinse aid Pump Manual operation of rinse aid doser.
dt	Detergent Dosage Time Sets the detergent dosing time.
bl	Rinse Aid Dosage Time Sets the rinse aid dosing time.
AA	Auto-start Auto-enabling Enables or disables the auto-start function.
CC	Cycle Counter Indicates the cycle counter.
	Once all necessary parameters have been set, to exit and save any changes simply press and hold the On / OFF button for a few seconds until the online dashes appear.

SELF - DIAGNOSIS

The dishwasher is equipped with a self-diagnosis system that can detect and signal a series of malfunctions.

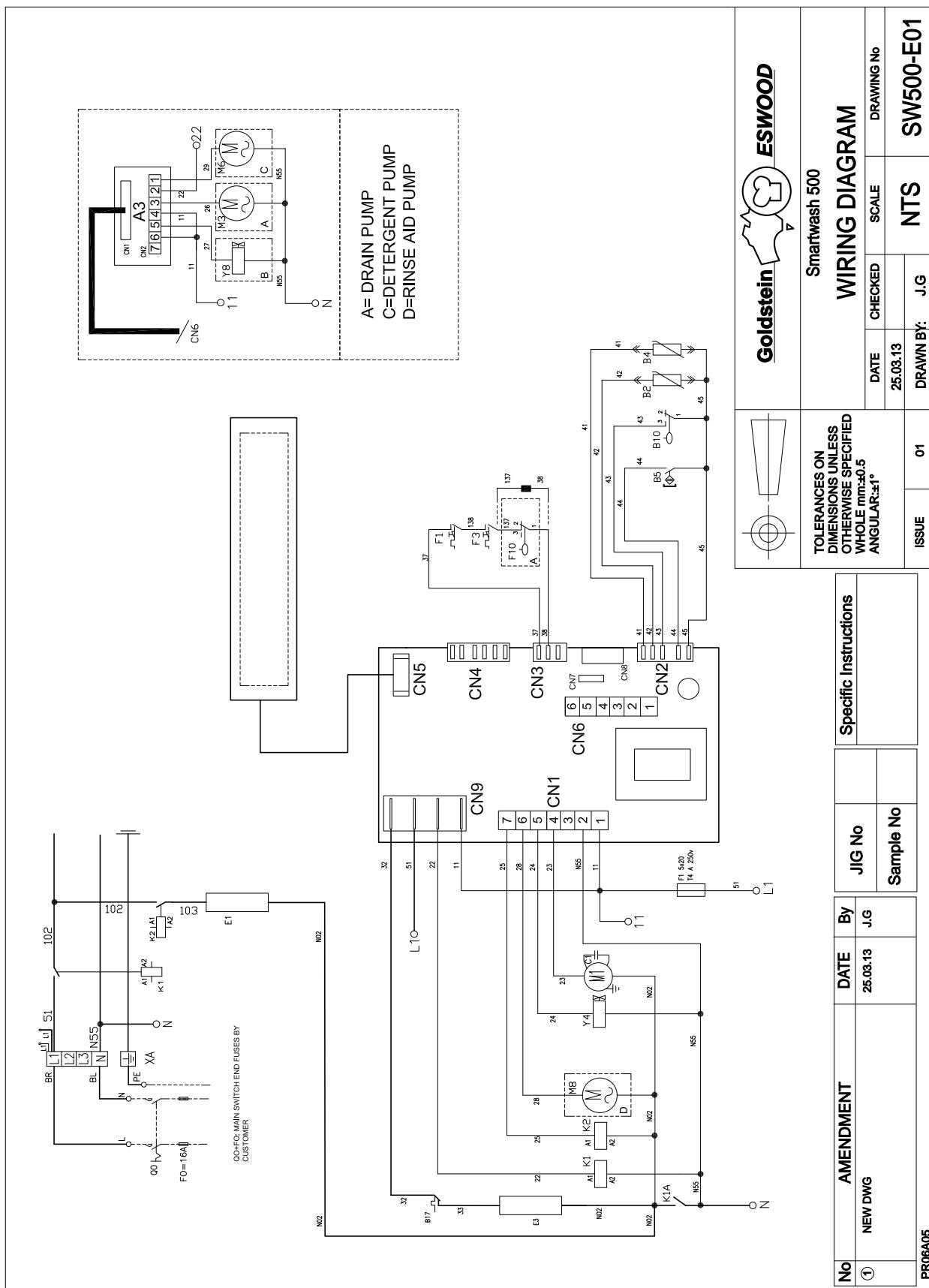
Problem	Description & possible remedies
Er01	Not rinsing The rinsing cycle was not completed correctly. Make sure that the rinse nozzles are clean.
Er02	No drainage The water was not drained or drained incorrectly. Check that the drain pipe is free of kinks and that the siphon and filters are not blocked. Also check if the overflow pipe has been removed before draining.
Er03	Rinse temperature reset error The boiler temperature did not reset in the set time during the wash cycle. Switch the machine off and on and run a new cycle.
Er04	Wash tank not filling to level Make sure the water inlet pipes are connected correctly, and that the water tap is open. Check the overflow is plugged into drain. Switch the dishwasher off and then back on.
Er05	Wash tank thermometer error (probe open) The machine does not read the tank temperature value. Switch the dishwasher off and on.
Er06	Wash tank thermometer error (Probe shorted out). Interrupt the programme in progress, and shut off the dishwasher. Turn it back on after a few minutes and start the cycle again.
Er07	Boiler thermometer error (Probe open). The machine does not measure the temperature in the boiler. Turn the machine off and then back on.
Er08	Boiler thermometer error (Probe shorted out). Interrupt the programme in progress, and shut off the dishwasher. Turn it back on and start the programme again.
ErSF	Electromechanical safety. The value of the temperature (of the boiler and wash tank) or the level in the wash tank are beyond safe values. The electromechanical safety has tripped. Contact an authorised service technician.
CAUTION!	Turning the machine off and then back on resets the notification. If, after following the instructions provided above the problem reoccurs, contact an authorised service technician.



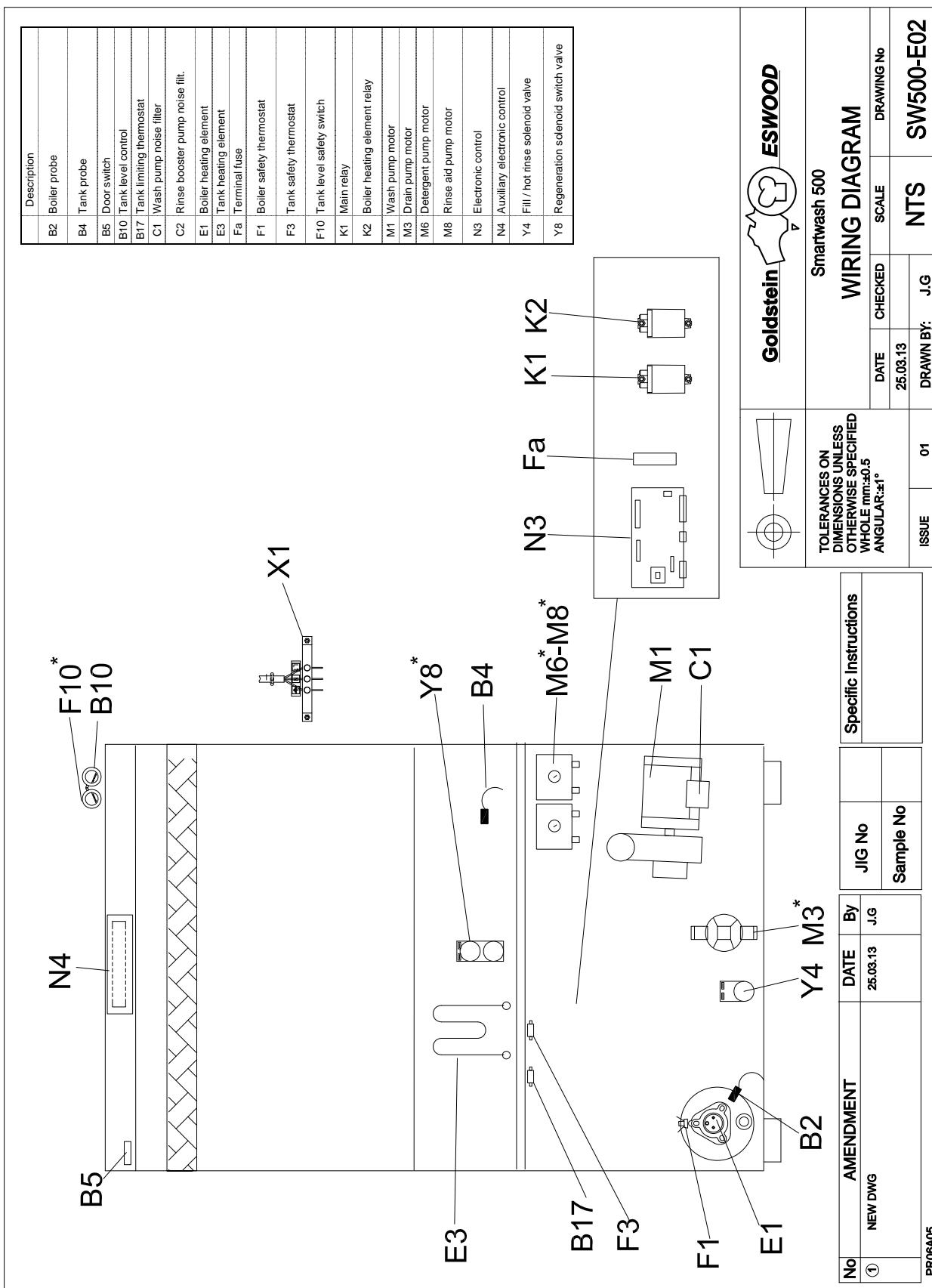
**" The ONLY HACCP approved
Warewashing made in Australia
for your protection "**



WIRING DIAGRAM - SMARTWASH 500



WIRING DIAGRAM - SMARTWASH 500

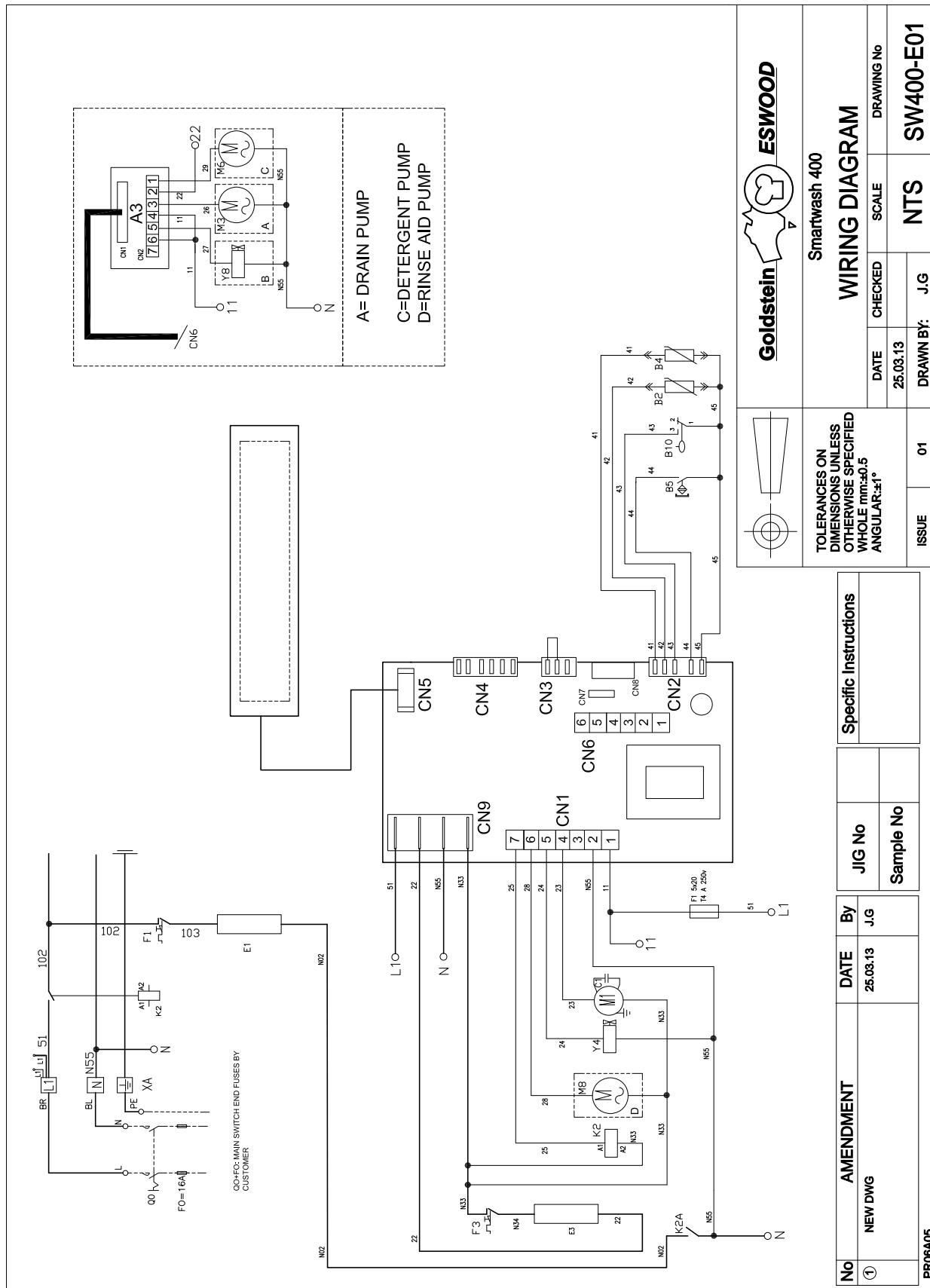




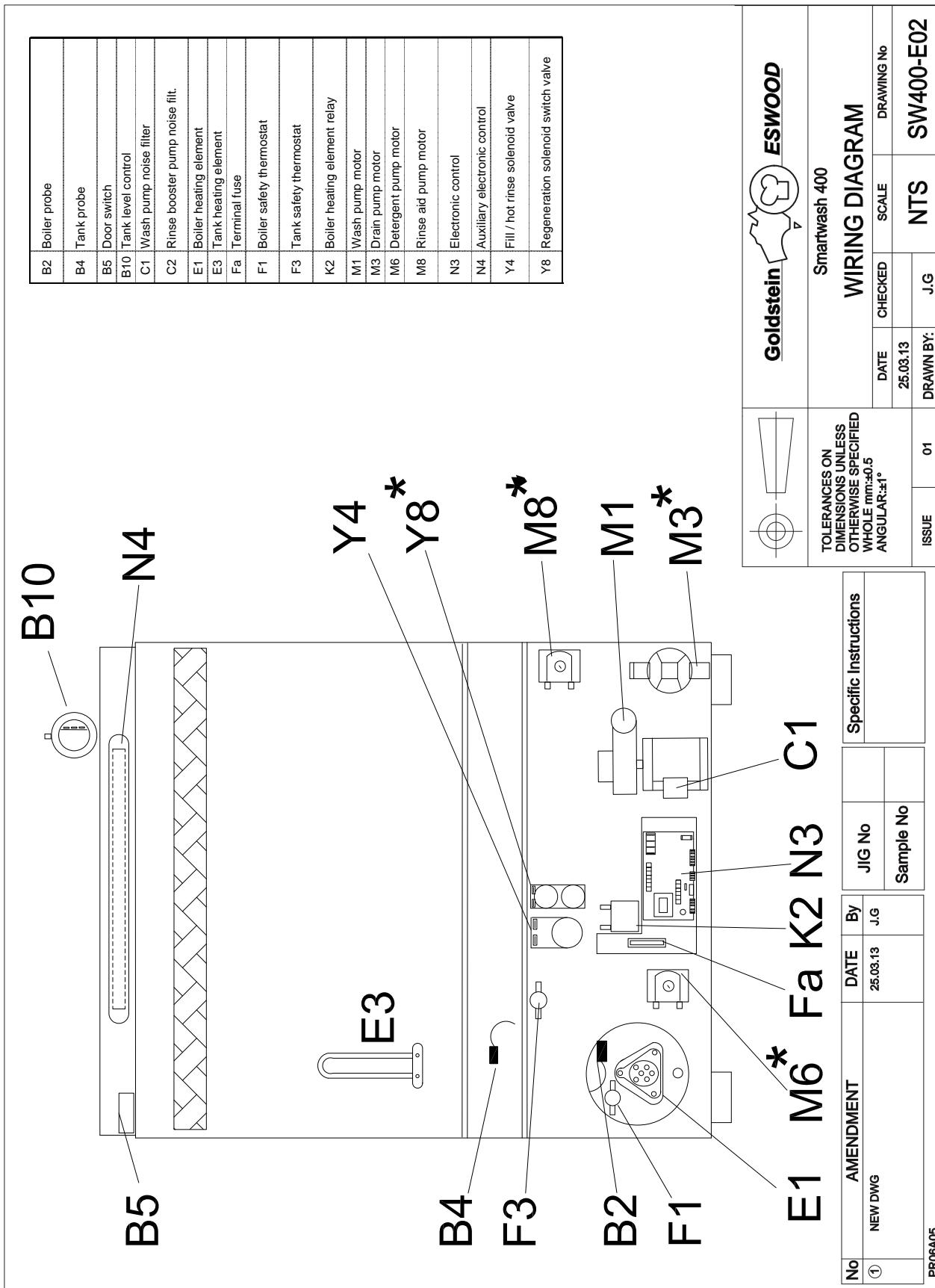
**" The ONLY HACCP approved
Warewashing made in Australia
for your protection "**



WIRING DIAGRAM - SMARTWASH 400



WIRING DIAGRAM - SMARTWASH 400



PARTS LIST - SMARTWASH 500

Part Position	Part Code	Description
1	004258	COVER
2	022159	REAR PANEL
3	035113	
4	437081	DOOR GASKET
5	994012	DOOR CATCH
6	417041	DOOR BUFFER NUT
7	307003	NUT LEDGE FOR DOOR ROD
8	029705	FRONT DOOR
9	325066	LOCK PIN
10	311019	DOOR HINGE
11	325036	DOOR HINGE PIN
12	304021	DOOR GUIDE ROD
13	035112	PCB
14	12338	FRONT COVER
15	030195	BASE COVER
16	040123	SIDE BODY
17	461026	ADJUSTABLE HEXAGONAL FOOT
18	480057	RUBBER CAP
19	459006	GROMMET
20	459004	PIPEHOLDER RUBBER
22	H.323996-1	FOOT

PARTS LIST

DRAWING NO

**TOLENCES ON
DIMENSIONS UNLESS
OTHERWISE SPECIFIED**

**WHOLE mm±0.5
ANGULAR: ±1°**

DATE

25.03.13

BY

J.G

JIG NO

Sample No

SCALE

NTS

SW500-A01

ISSUE

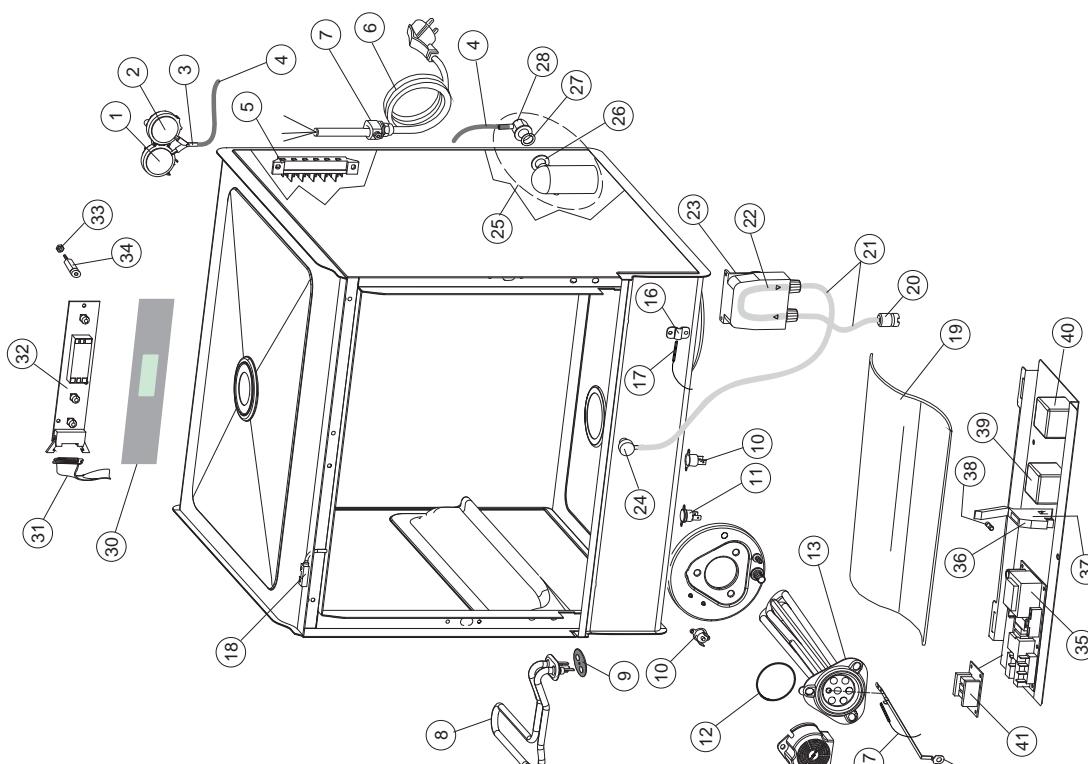
01

DRAWN BY:

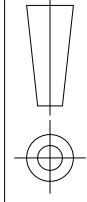
J.G

PRO6A05

PARTS LIST - SMARTWASH 500



Part Position	Part Code	Description
1	224004	PRESSURE SWITCH
2	224029	UNION Y-TYPE, PRESSURE SWITCH 760
3	035031	PVC GREEN PIPE 4X7
4	143013	TERMINAL BOARD 5 POLES + EARTH
5	220011	PLUG 3X1.5X3M
6	289042	CABLE CLAMPS
7	459005	HEATING ELEMENT 2100W/230V
8	230118	GASKET, TANK RESISTANCE
9	437086	THERM. CONT.
10	236047	THERM. CONT. BOILER
11	236052	O-RING 48X6.2
12	456002	HEATING ELEMENT 2600W/240V
13	230120	BOILER HEATING ELEMENT PROTECTION
14	69870	PROBE HOLDER
15	69871	FIXING PLATE
16	028105	TEMP. PROBE
17	230106	MAGNETIC DOOR SWITCH
18	80871	FILTER GROUP
19	214114	PIPE 4X6 CRYSTAL TRANSPI.
20	121993	TUBE 6X10
21	143194	DETERGENT PUMP
22	143267	UNION DETERGENT
23	209039	GASKET
24	468151	O-RING
25	984007	UNION PRESSURE SWITCH BELL
26	437019	CONTROL PANEL STICKER
27	456020	FLAT WIRE
28	468029	CONTROL KEYBOARD
29	026494	NUT M3 PLASTIC WHITE
30	211013	M3 SPACER
31	80944	FUSE HOLDER
32	417119	PLATE
33	215034-1	FUSE 5X20 4A FAST
34	419036	RELAY
35	210010	RELAY FINDER
36	210011	MAIN BOARD
37	228004	
38	229039	
39	229029	
40	215036	
41		



Goldstein



ESWOOD

Smartwash 500

PARTS LIST

DRAWING NO

ISSUE

01

DRAWN BY:

J.G

NTS

SW500-A02

AMENDMENT

DATE

By

J.G No

Sample No

NEW DWG

25.03.13

J.G

PROBADS

NO

AMENDMENT

DATE

By

J.G No

Sample No

1

PROBADS

TOLENCES ON

DIMENSIONS UNLESS

OTHERWISE SPECIFIED

WHOLE mm±0.5

ANGULAR: ±1°

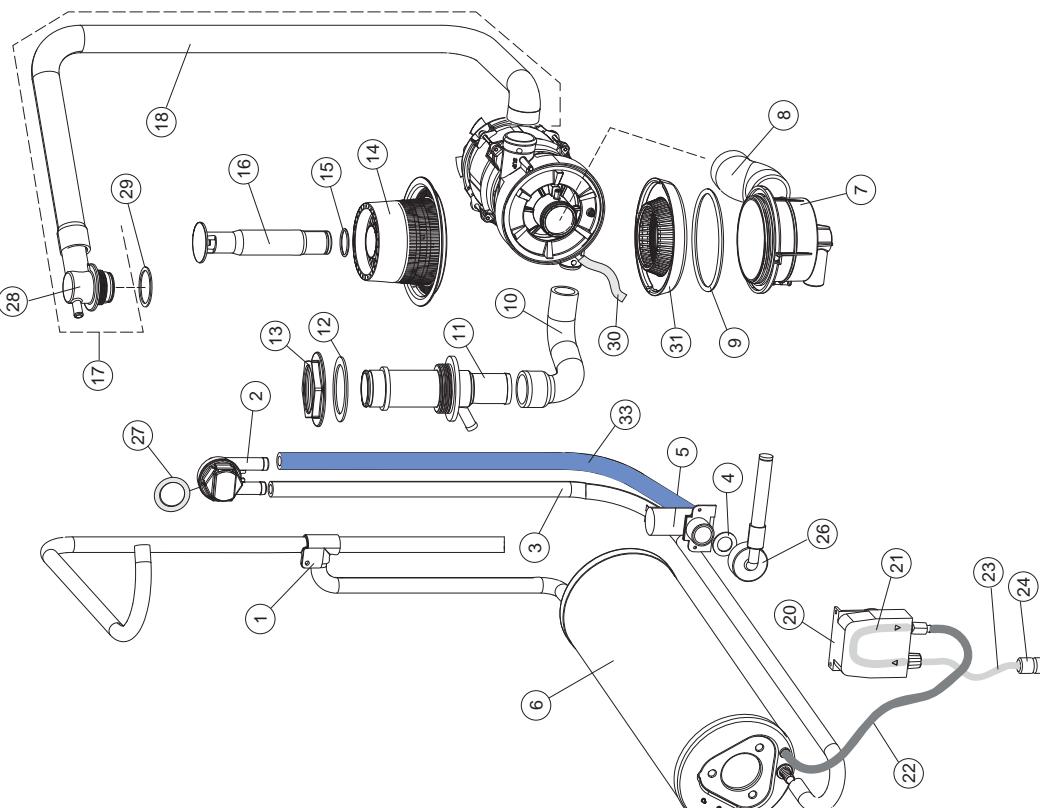


" The ONLY HACCP approved
Warewashing made in Australia
for your protection "



PARTS LIST - SMARTWASH 500

Part Position	Part Code	Description
1	143263	AIR GAP TANK NOT ASSY
2	144030	PIPE PRESSURE SWITCH TP 10X17
3	143004	GASKET 3/4" GAS LOAD
4	437041	LOADING S. VALVE 1-WAY 3/4" 230V
5	240016	BOILER HEATING ELEMENT PROTECTION
6	104060	
7	136030	
8	127082	
9	456076	O-RING
10	127085	PUMP INTAKE COUPLING
11	115143	UPPER CENTRAL PIPE
12	437102	GASKET
13	429073	NUT
14	121120	FILTER COMPLETE
15	456081	O-RING
16	142058	OVERFLOW PIPE
17	115150	
18	127133	RINSE AID PUMP
20	209036	TUBE 5X10
21	143266	PIPE, PRESSURE SWITCH TP 5X11
22	143005	PIPE 4X6 CRYSTAL BLUE PVC
23	H.7755601	FILTER GROUP
24	121993	HOSE 3/4
26	143260	GASKET UNION UPPER WASH
27	437080	
28	115149	LOWER BODY GASKET
29	437113	PVC PIPE
30	H.165168	NUT
31	429072	PIPE BLUE
33	143113	



PARTS LIST			
ISSUE	AMENDMENT	DATE	DRAWING NO
01	NEW DWG	25.03.13	J.G
		CHECKED	SCALE
		25.03.13	DRAWING NO
		NTS	SW500-A03

PRO6A05





TOLERANCES ON DIMENSIONS UNLESS OTHERWISE SPECIFIED
WHOLE mm±0.5
ANGULAR:±1°

PARTS LIST

PARTS LIST - SMARTWASH 500

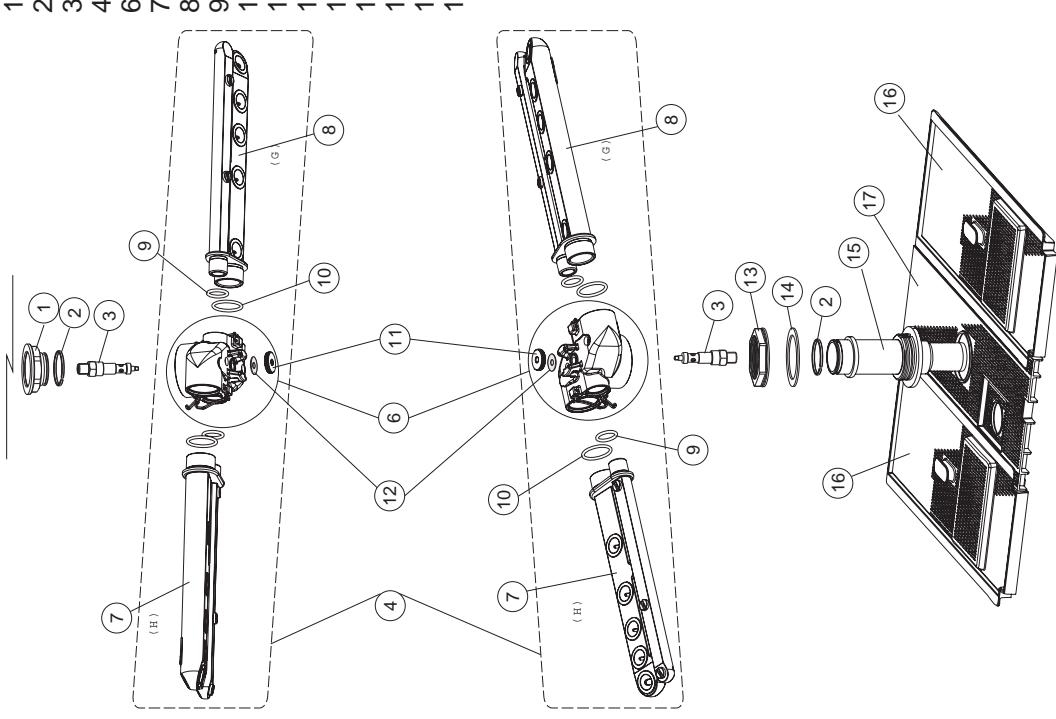
Part Position	Part Code	Description	Goldstein	ESWOOD
1	130175	PIPE DRAIN D18		
18	143137	UNION, DRAIN CLEAN		
19	468152			
20	127136			
21	499092	MEMBRANE		
22	476008	BALL VALVE		
23	437083	GASKET RUBBER D32 D19.6 S1.5		
24	468199	CONNECTOR		
25	144992	RELIEF VALVE		
26	127135			
28	127134			

TOLERANCES ON DIMENSIONS UNLESS OTHERWISE SPECIFIED WHOLE mm:+0.5 ANGULAR: $\pm 1^\circ$			
DATE	CHECKED	SCALE	DRAWING NO
25.03.13			
ISSUE	01	DRAWN BY: J.G	NTS SW500-A04

PR06A05

PARTS LIST - SMARTWASH 500

Part Position	Part Code	Description
1	429079	NUT
2	303037	RING
3	325087	PIN
4	990113	ARM ASSY
6	129068	COMPLETE WASH ARM AND RINSE ARM
7	106153	WASH/RINSE ARM 8 NOZZLES PARALLEL
8	106152	WASH RINSE ARM 7 NOZZLES PARALLEL
9	456070	O-RING DI15.54X2.62
10	456071	O-RING DI24X2.5
11	454006	PIN
12	437100	PACKING
13	429073	NUT
14	437102	GASKET UNION UPPER WASH
15	115143	UPPER CENTRAL PIPE
16	121139	FILTER GROUP
17	121145	CENTRAL FILTER



Smartwash 500
PARTS LIST

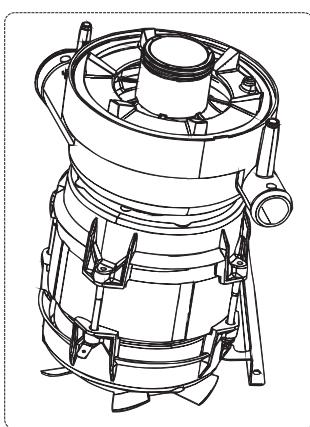
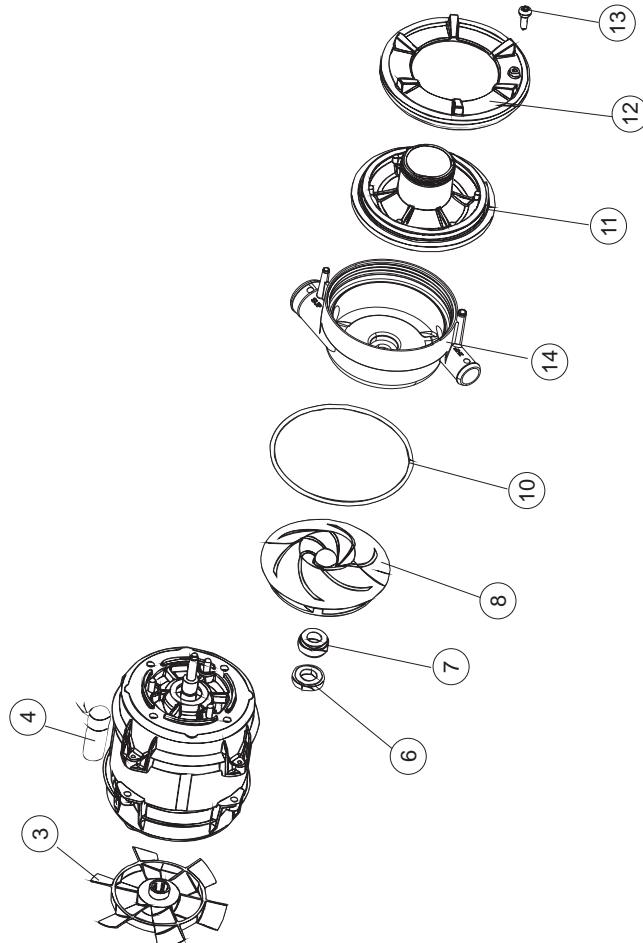
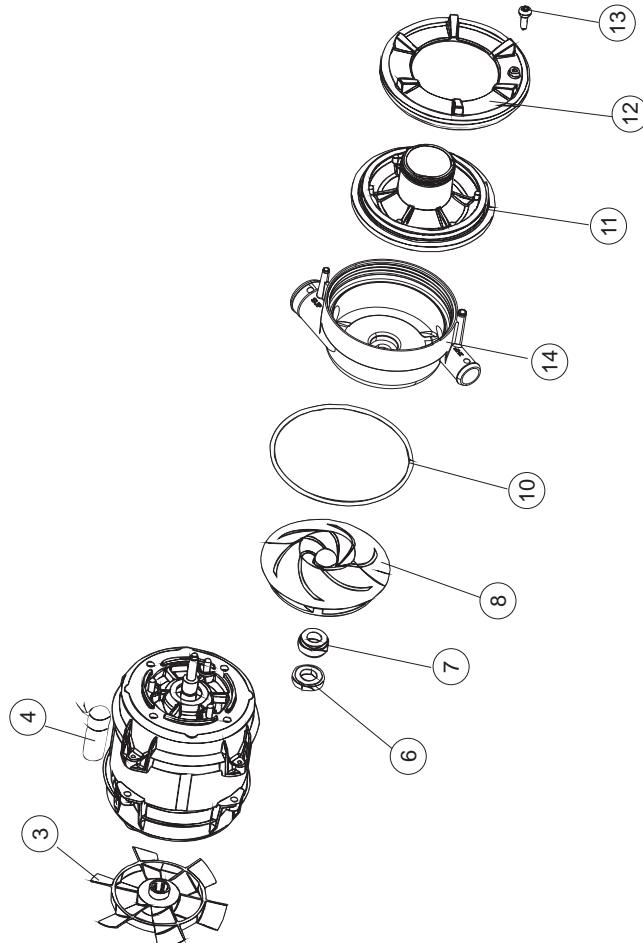
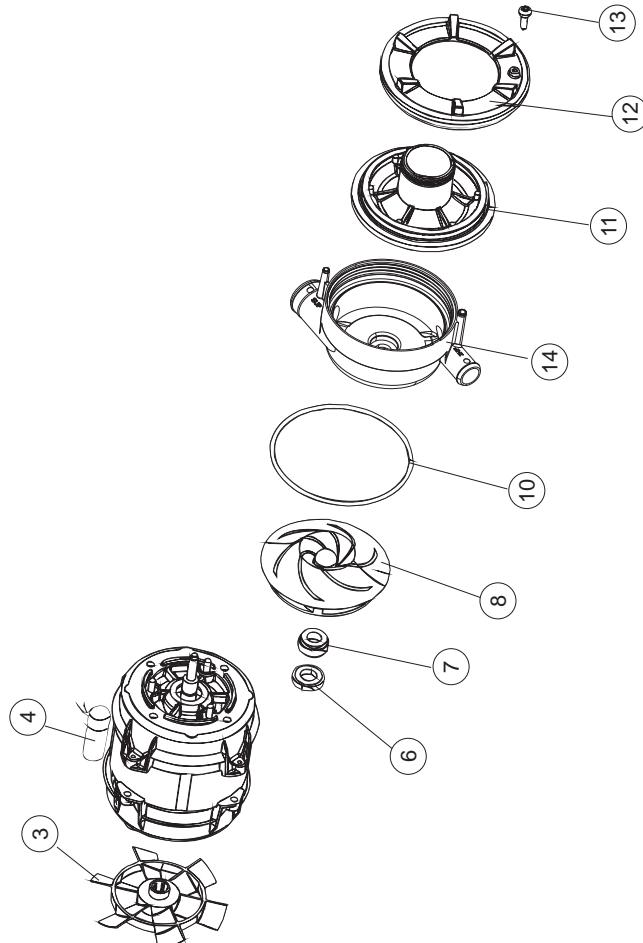
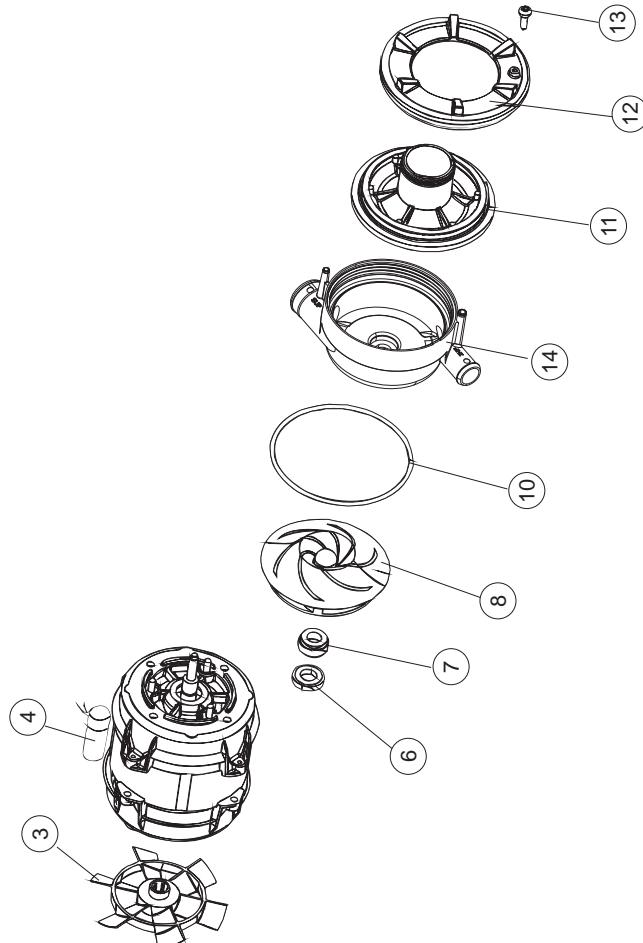
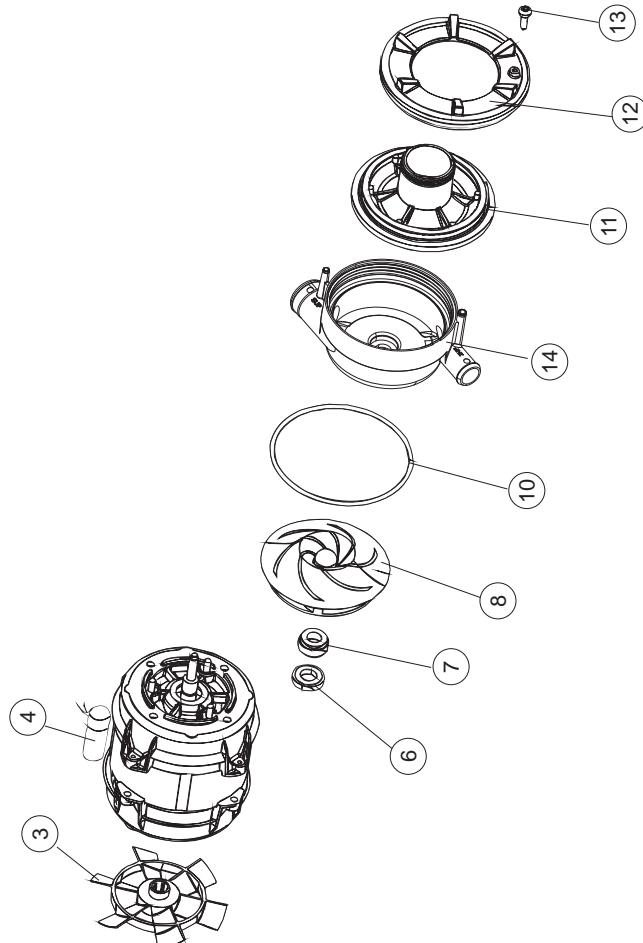
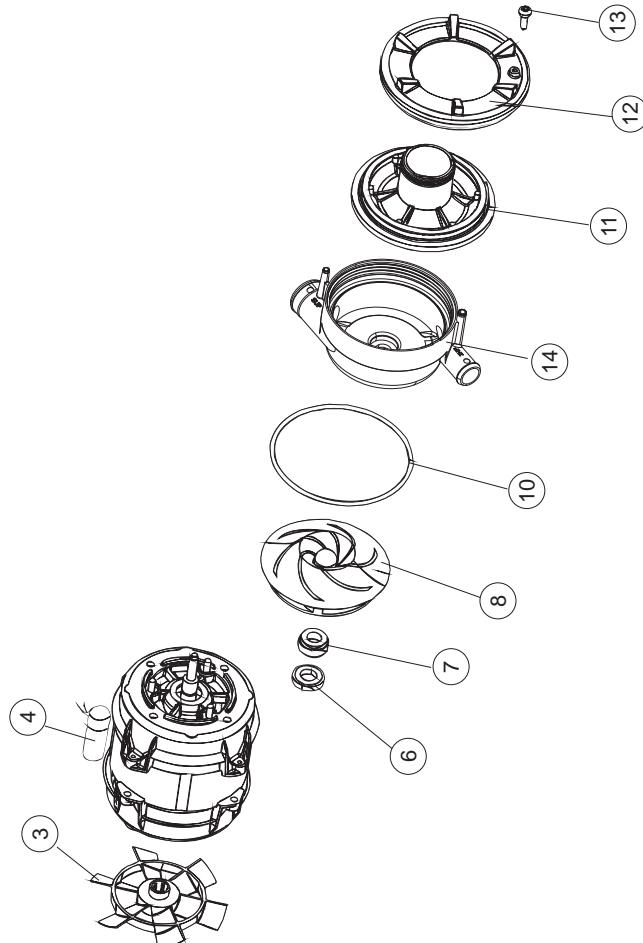
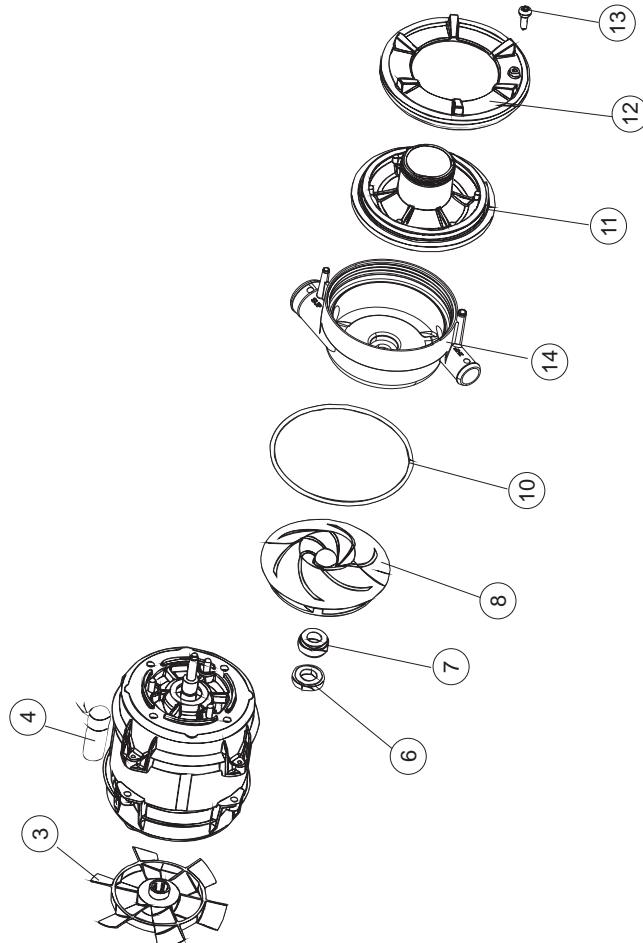
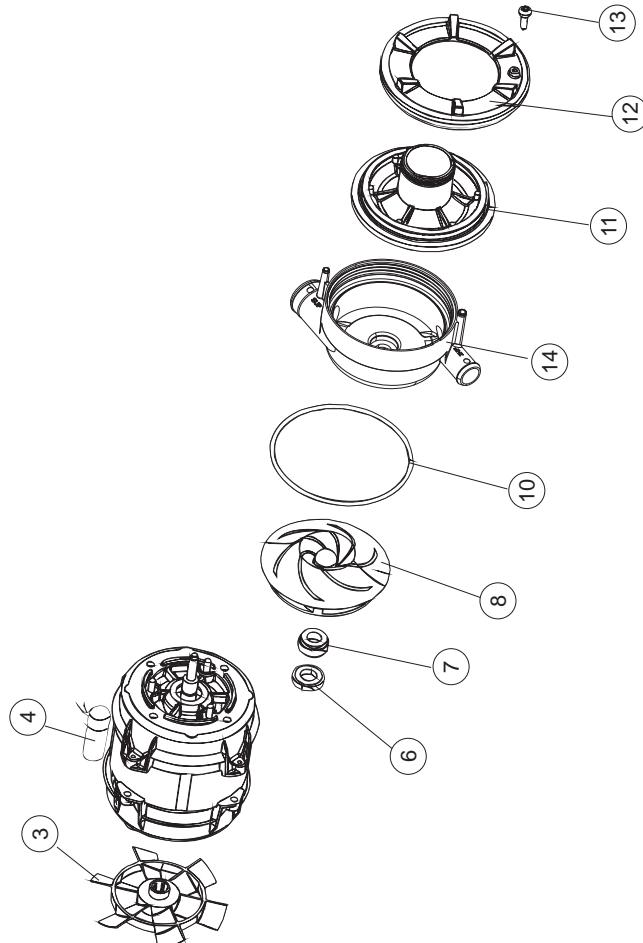
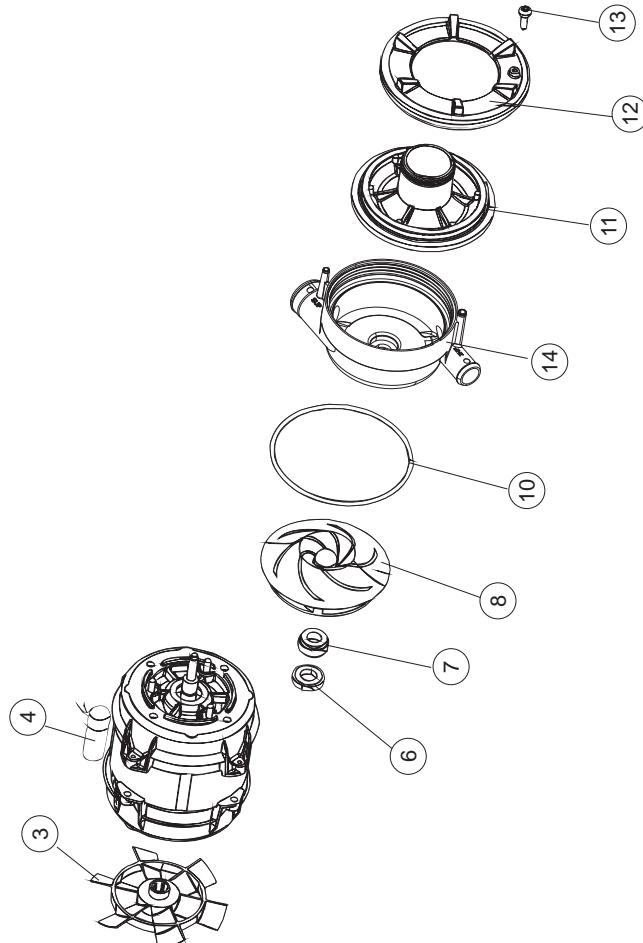
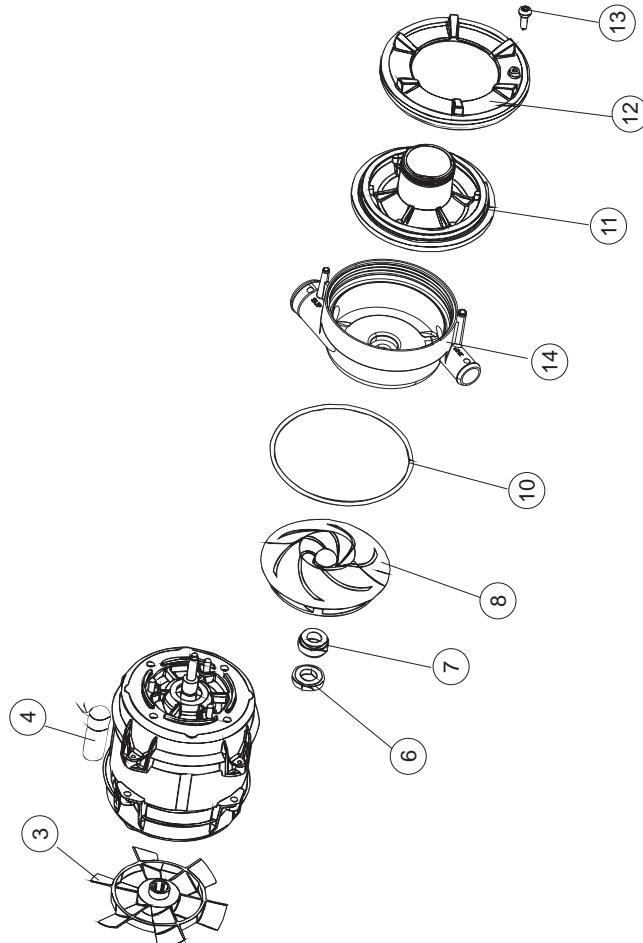
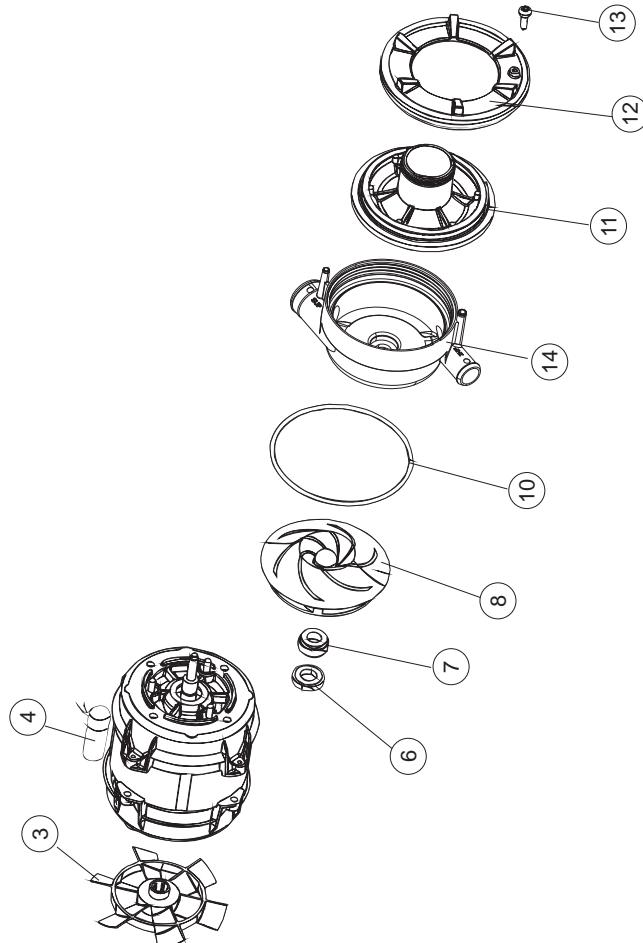
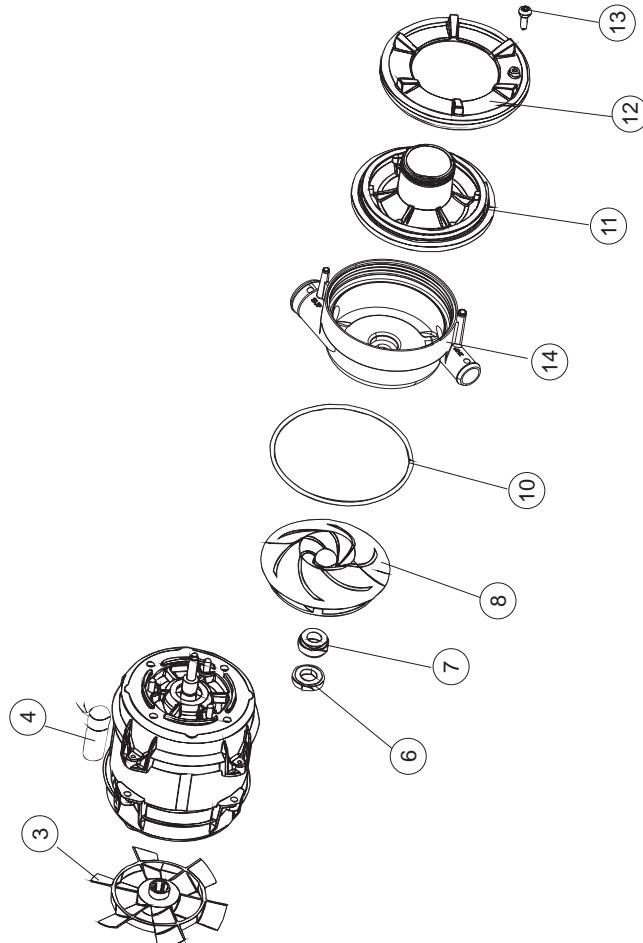
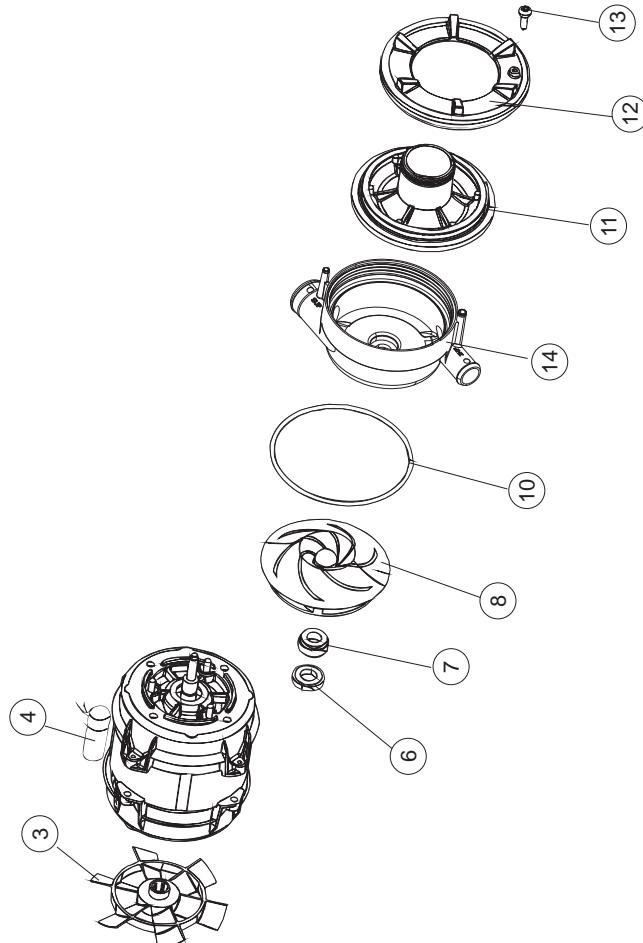
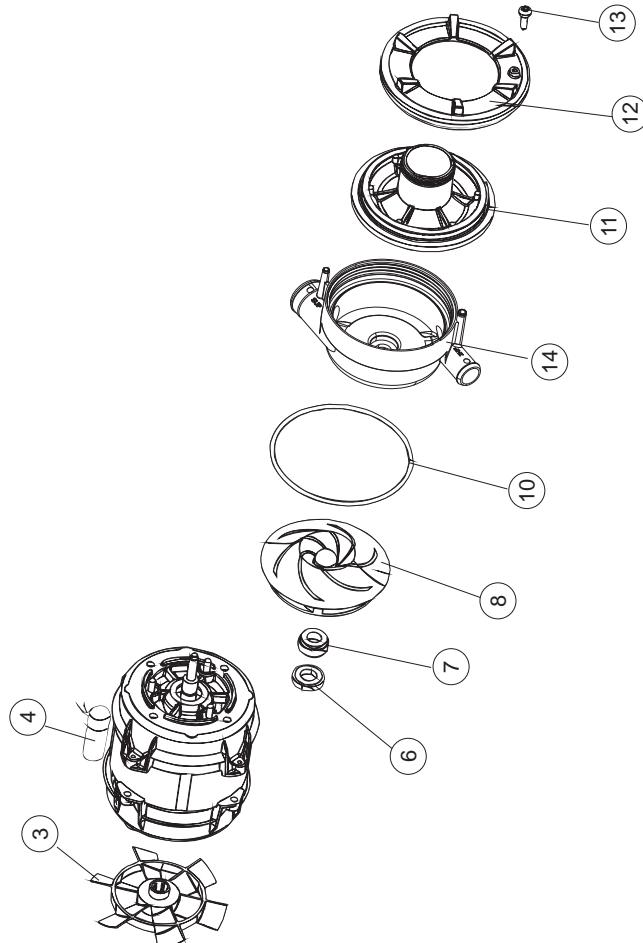
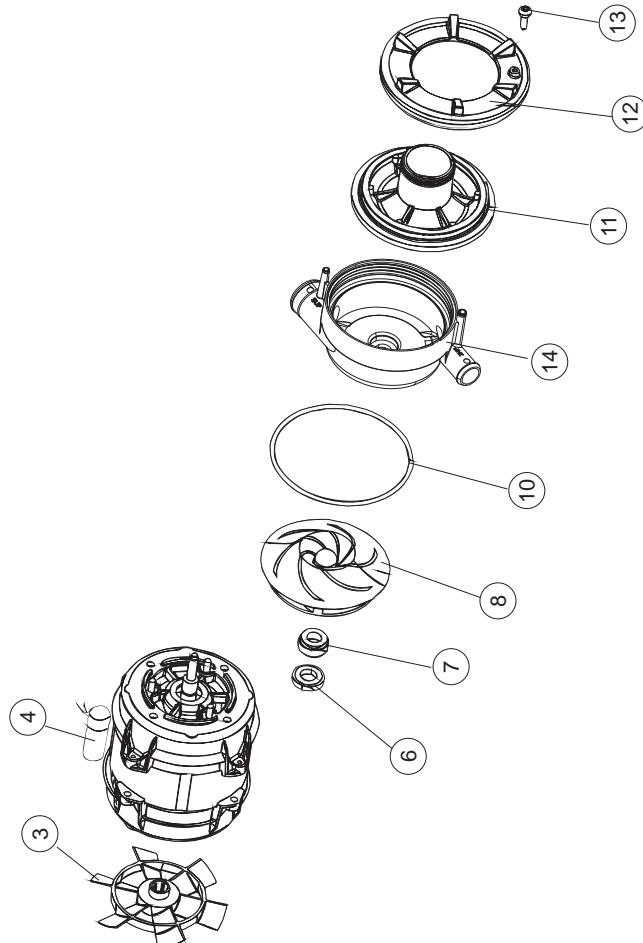
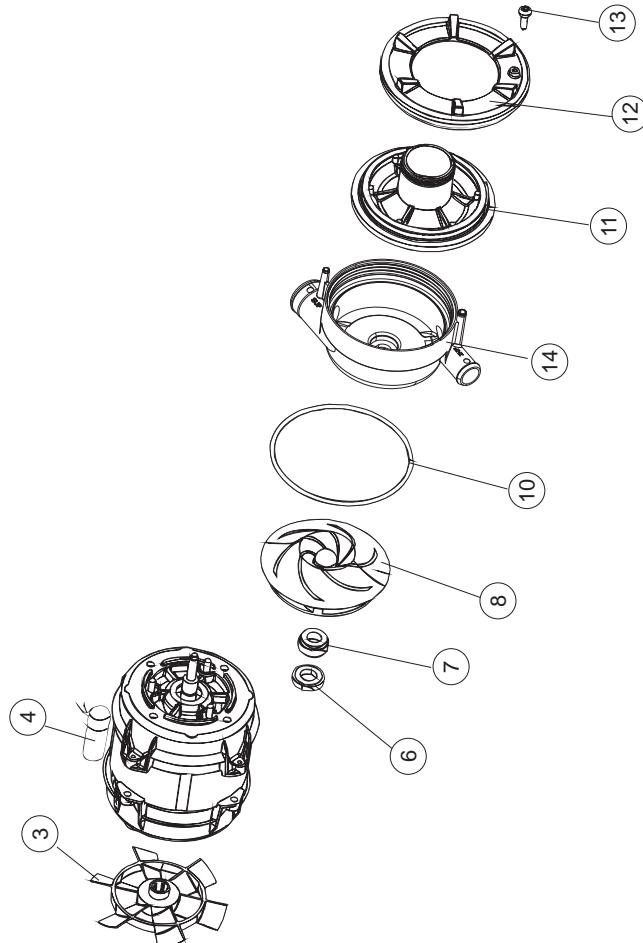
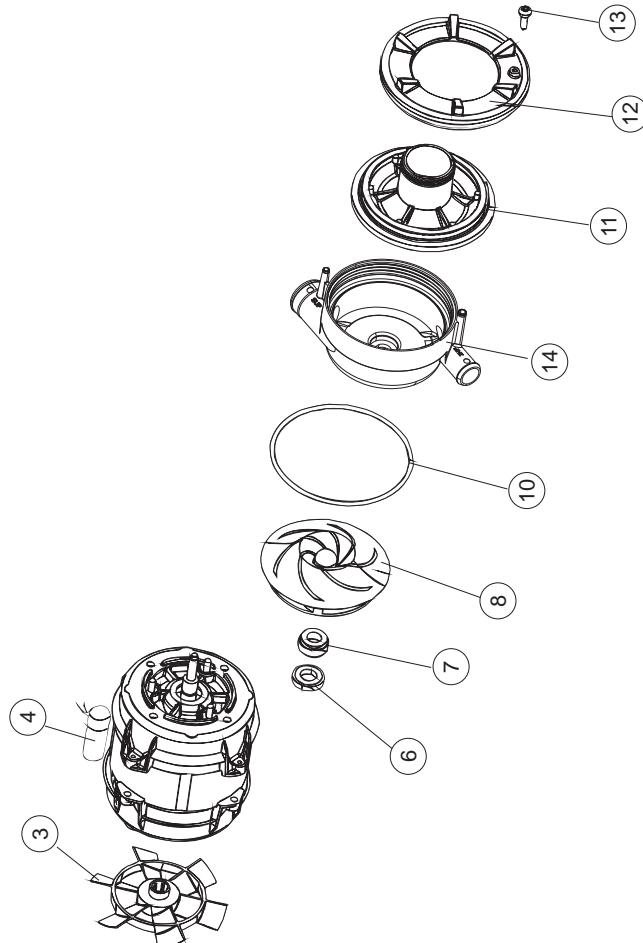
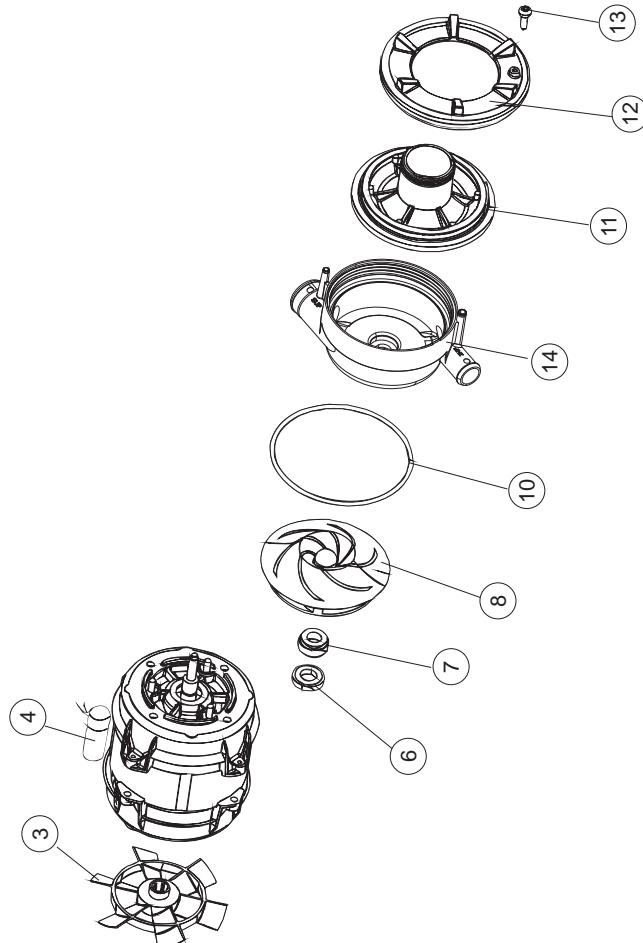
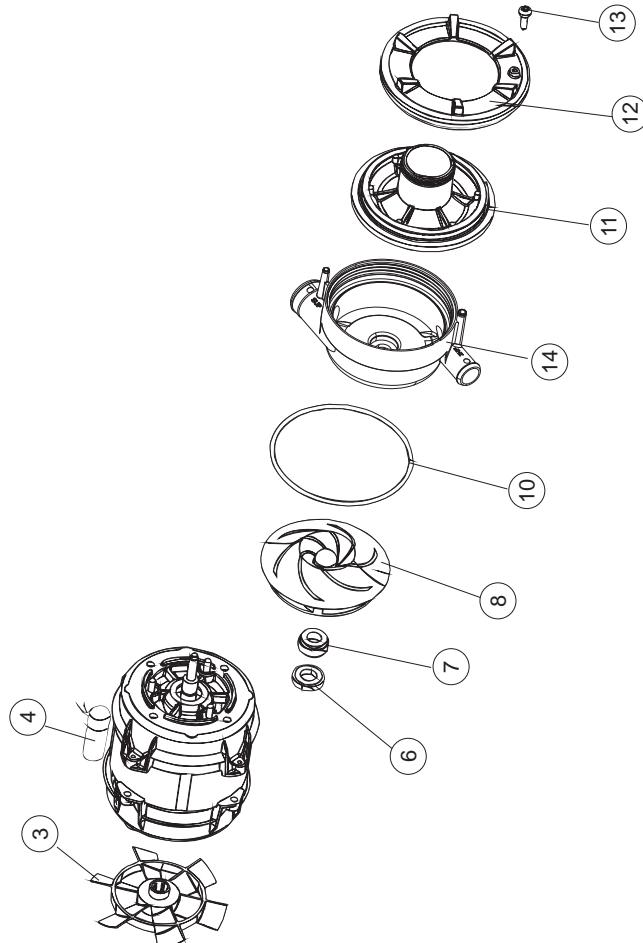
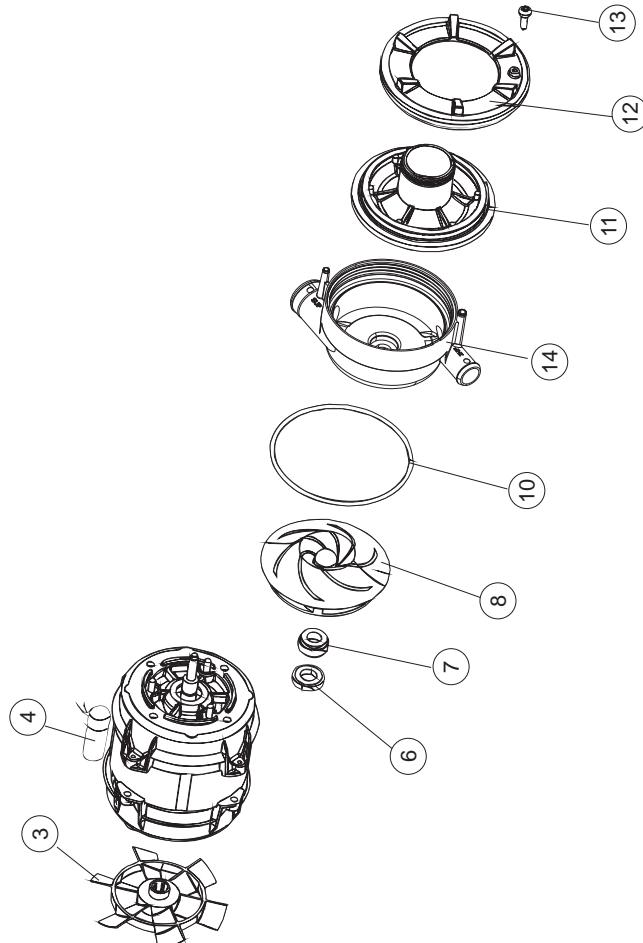
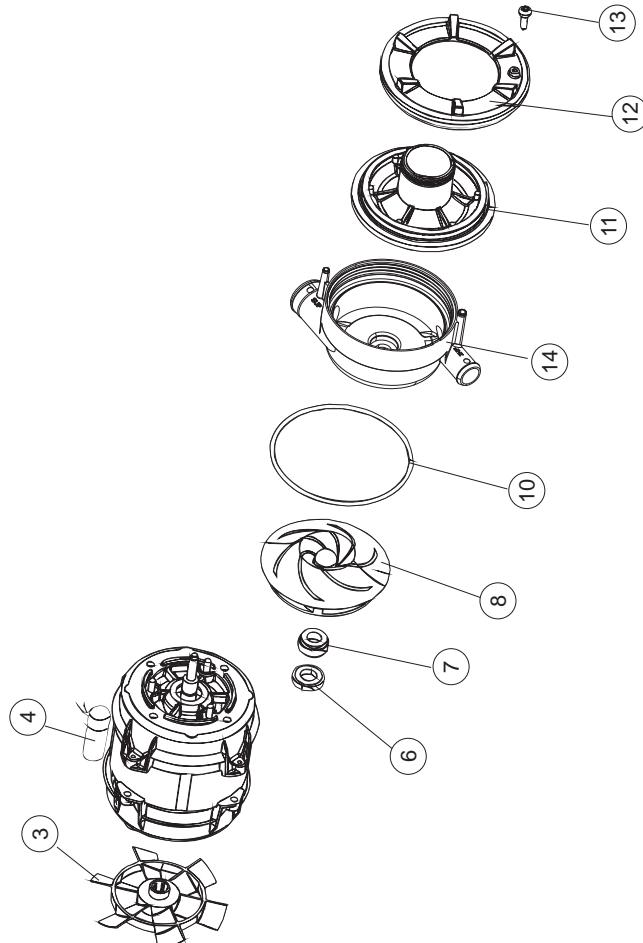
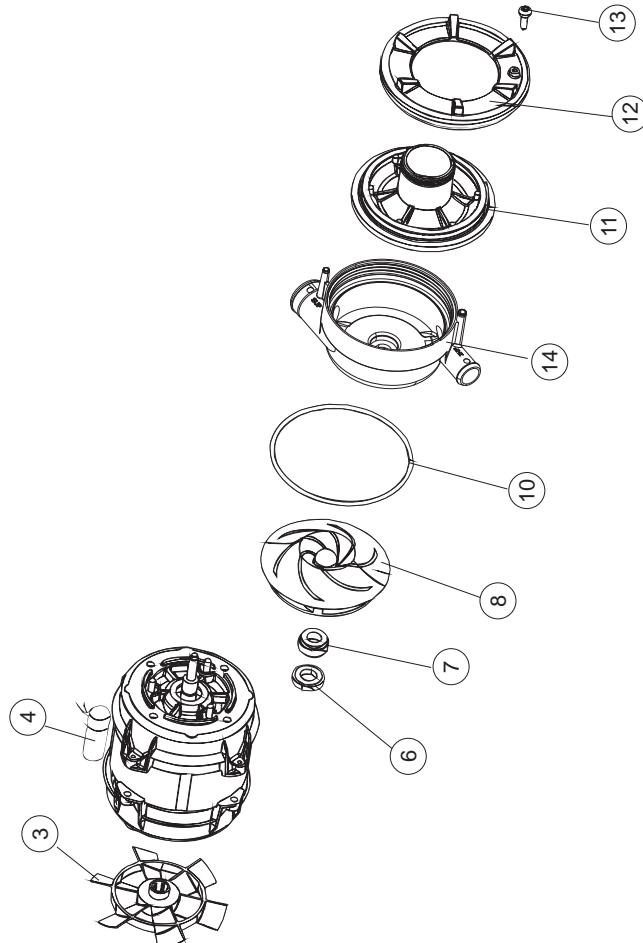
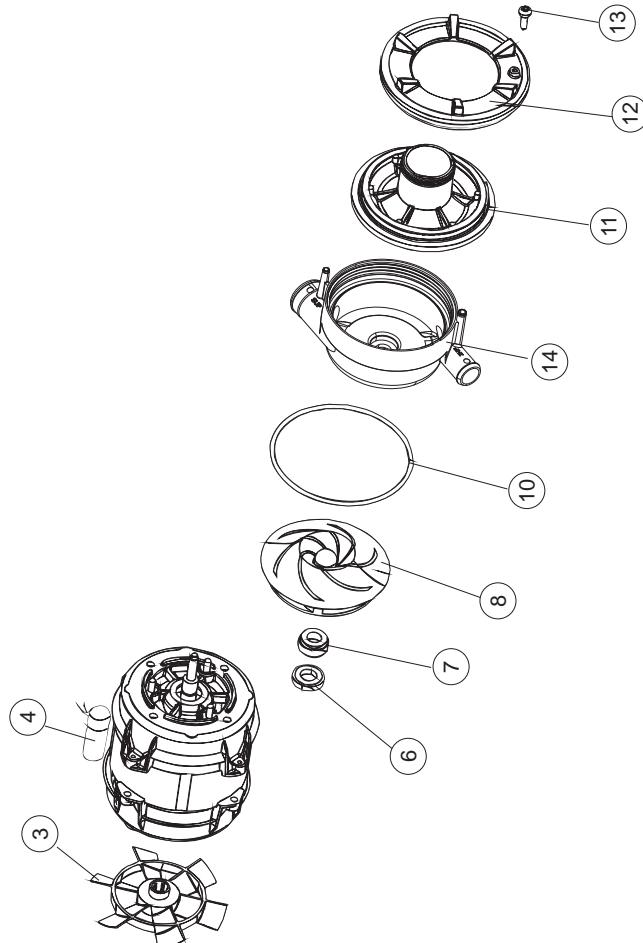
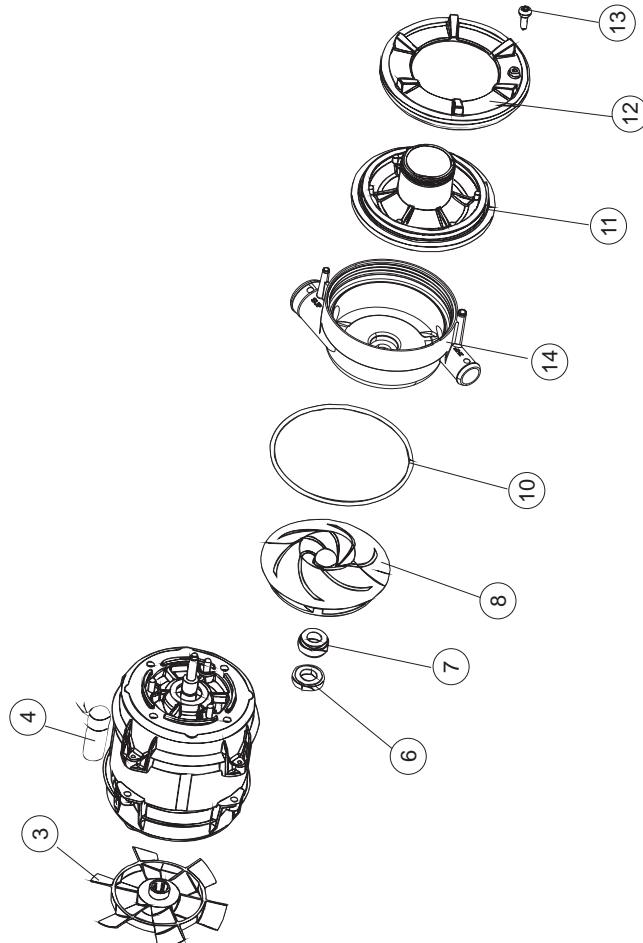
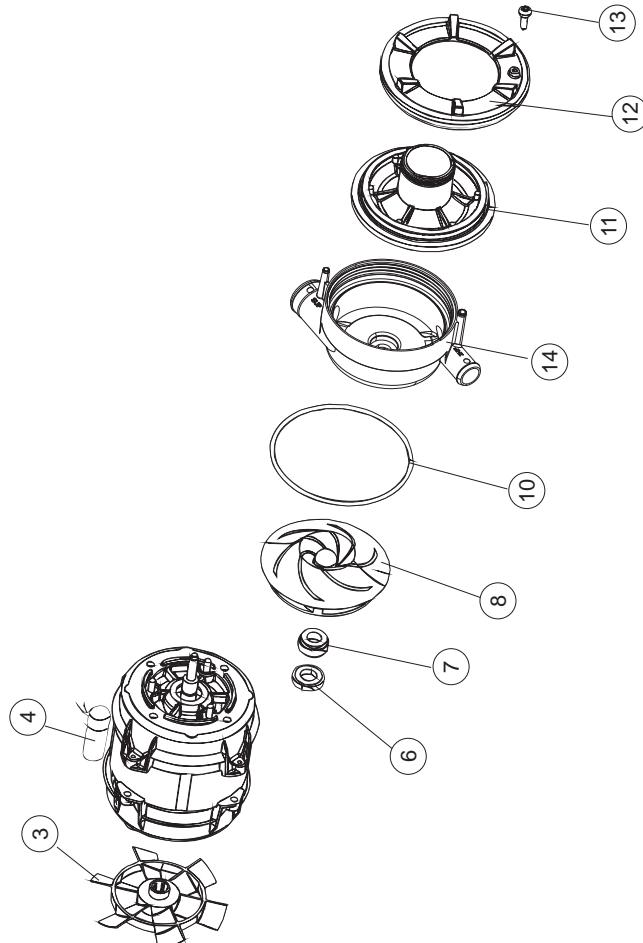
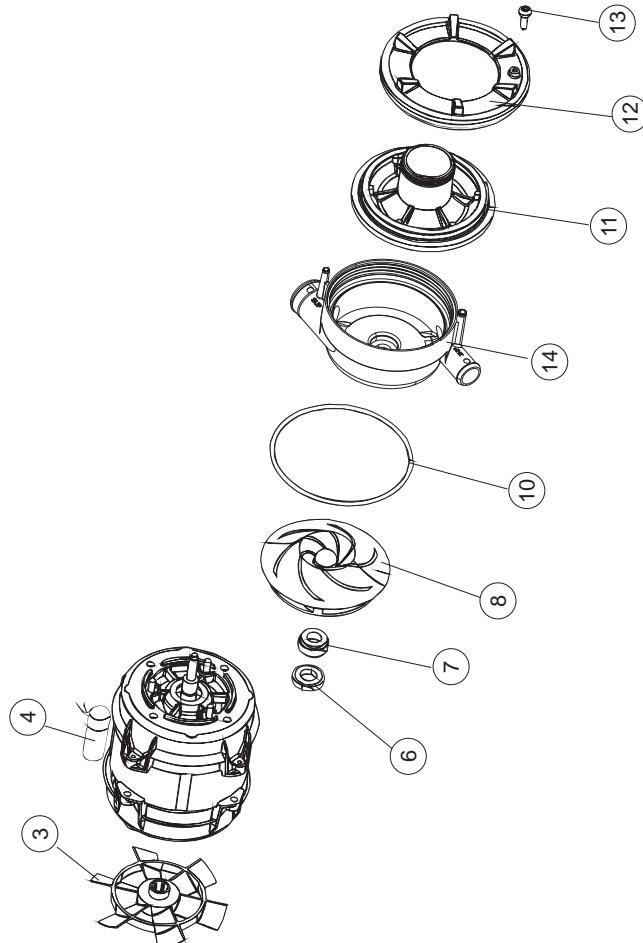
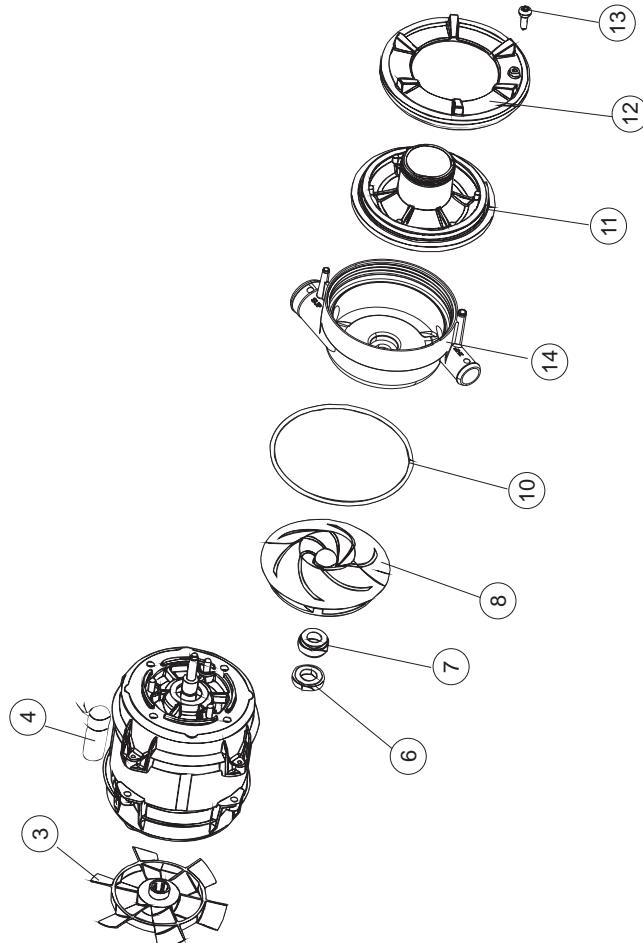
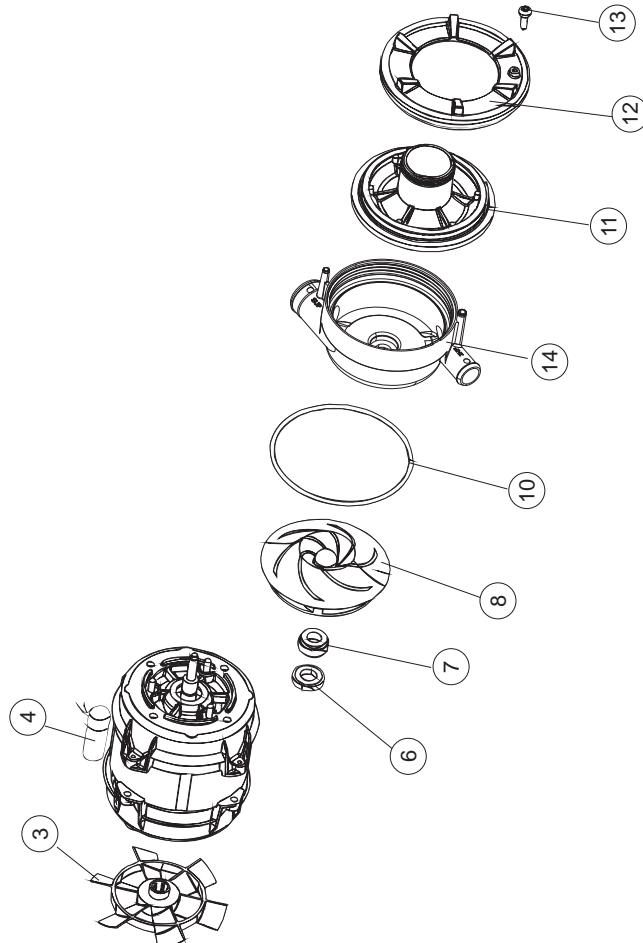
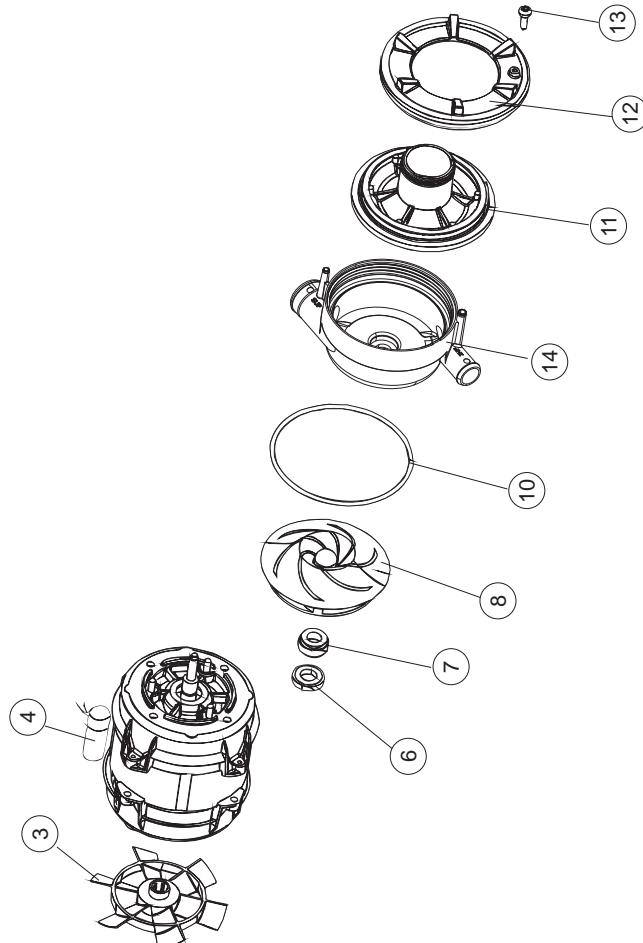
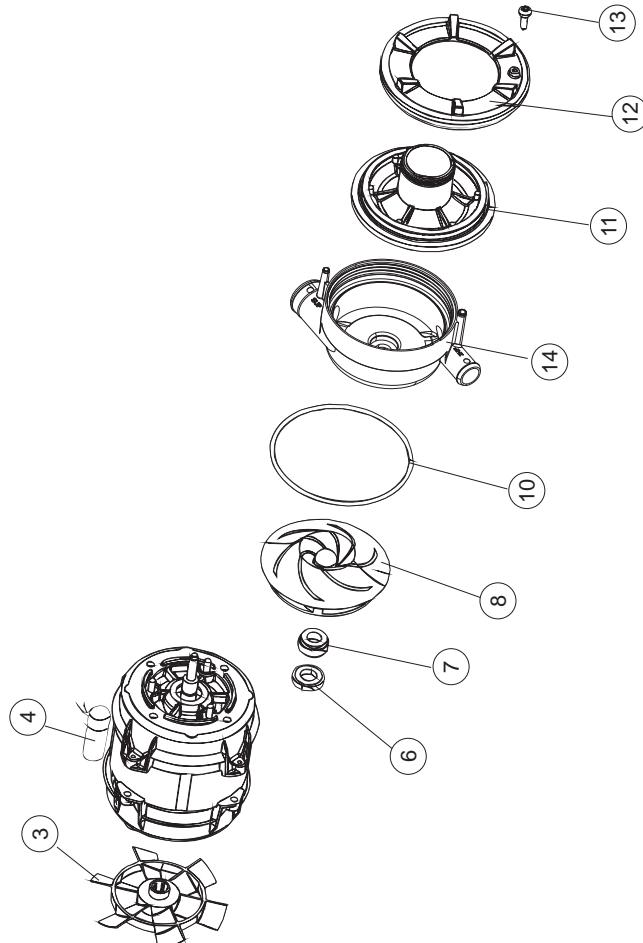
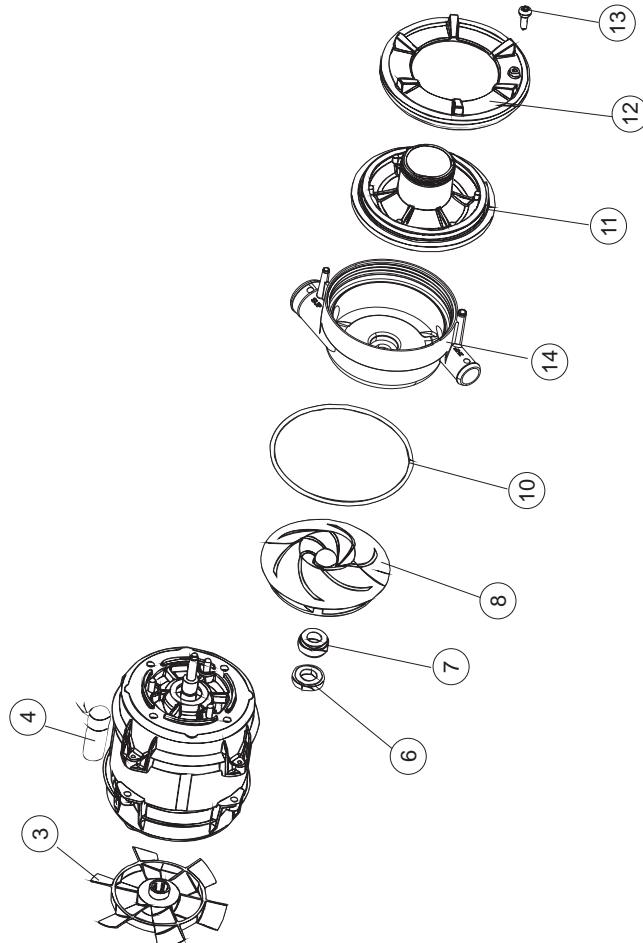
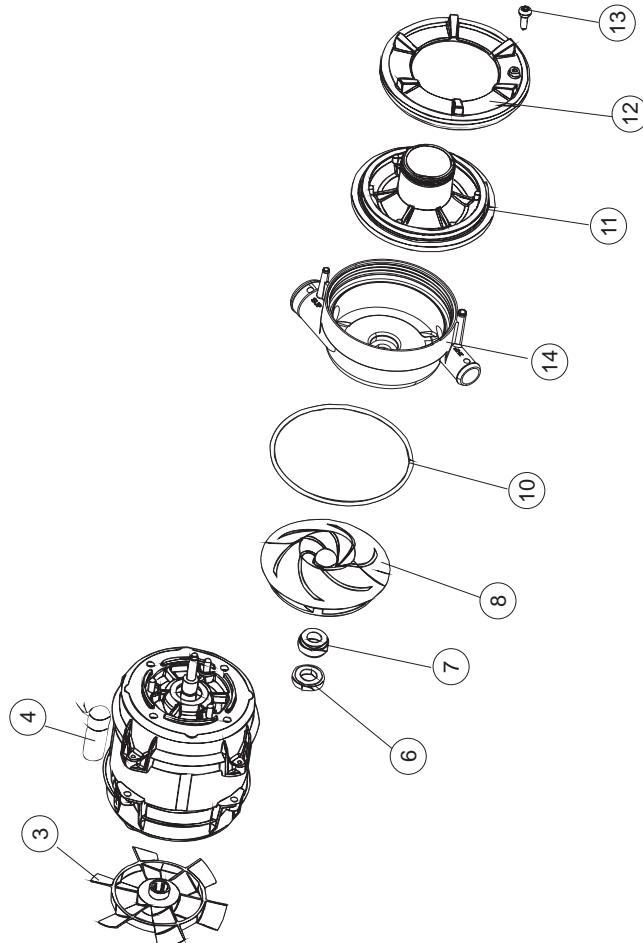
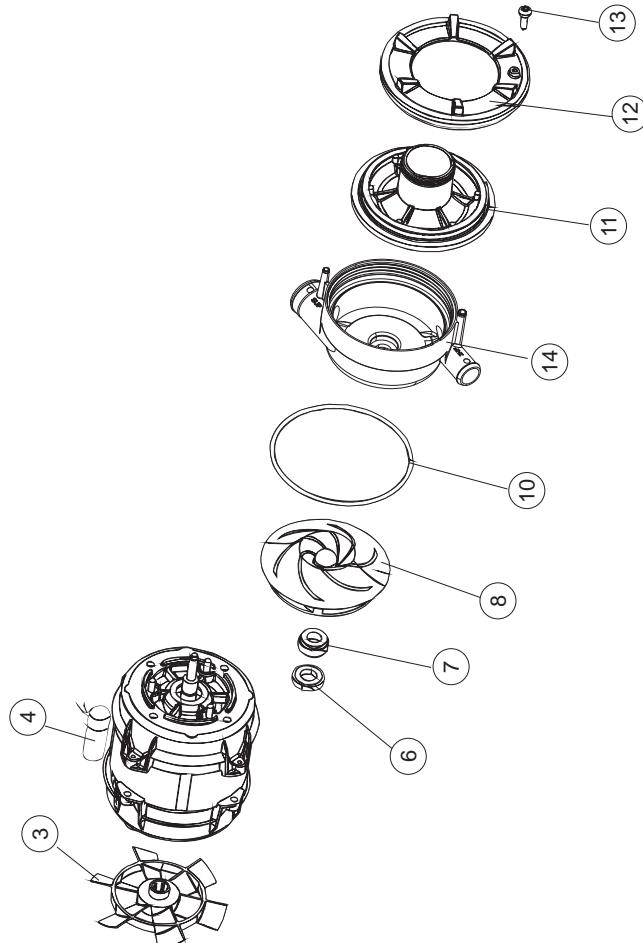
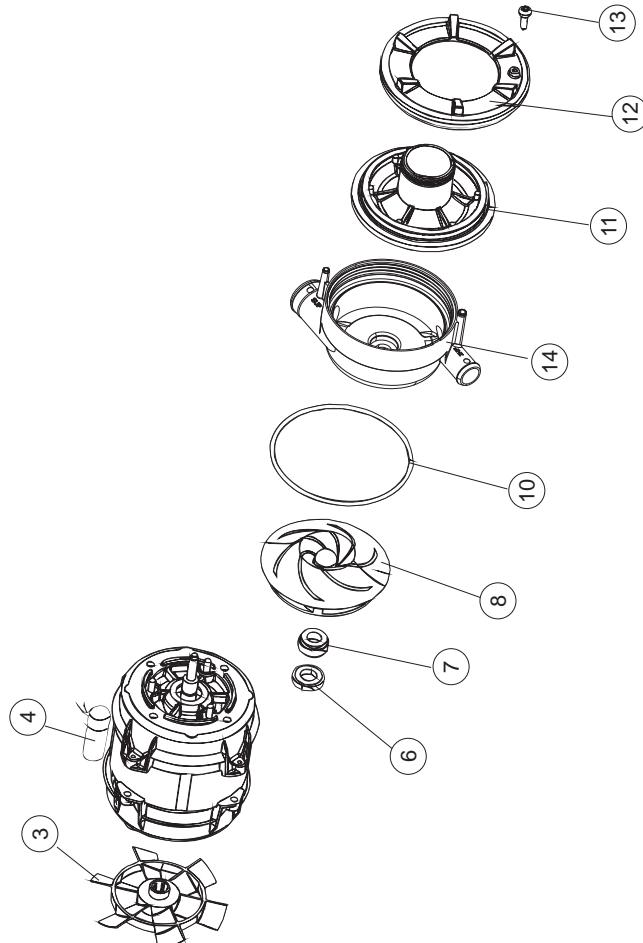
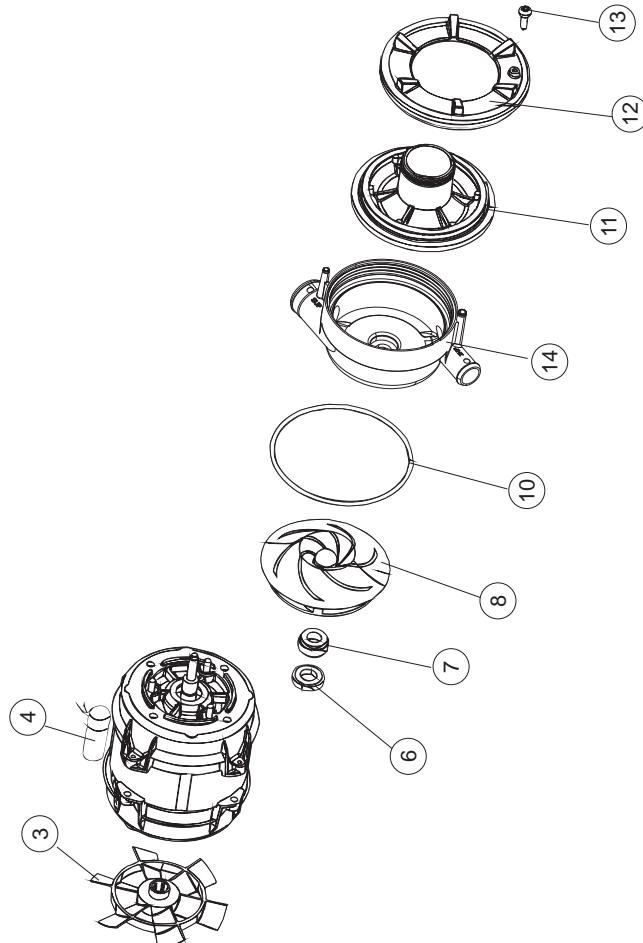
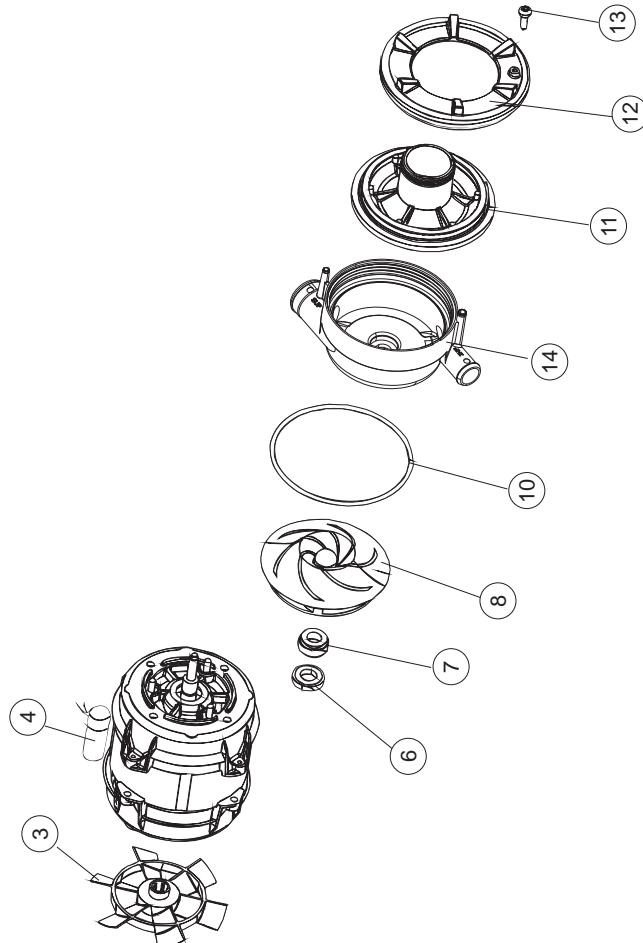
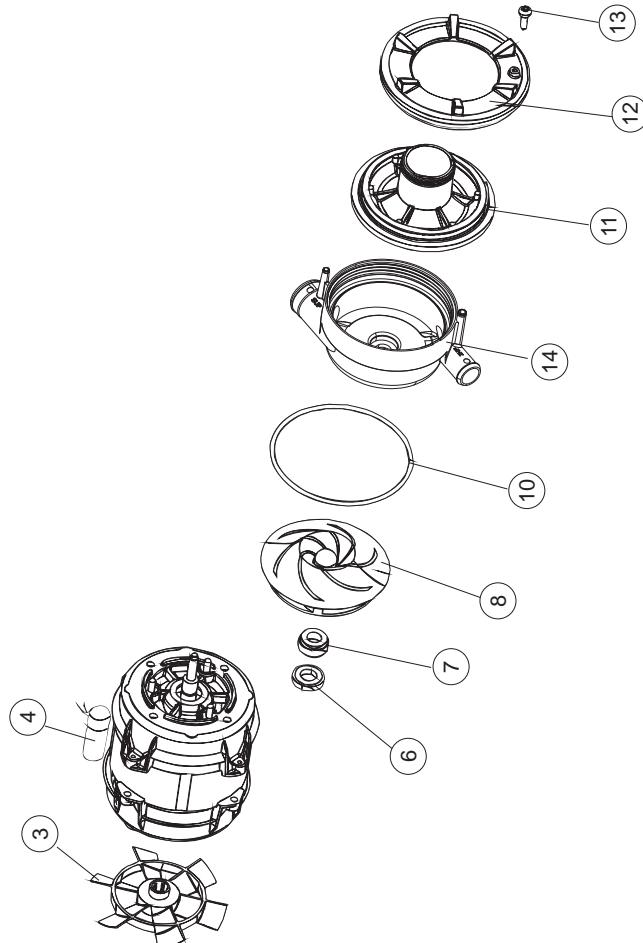
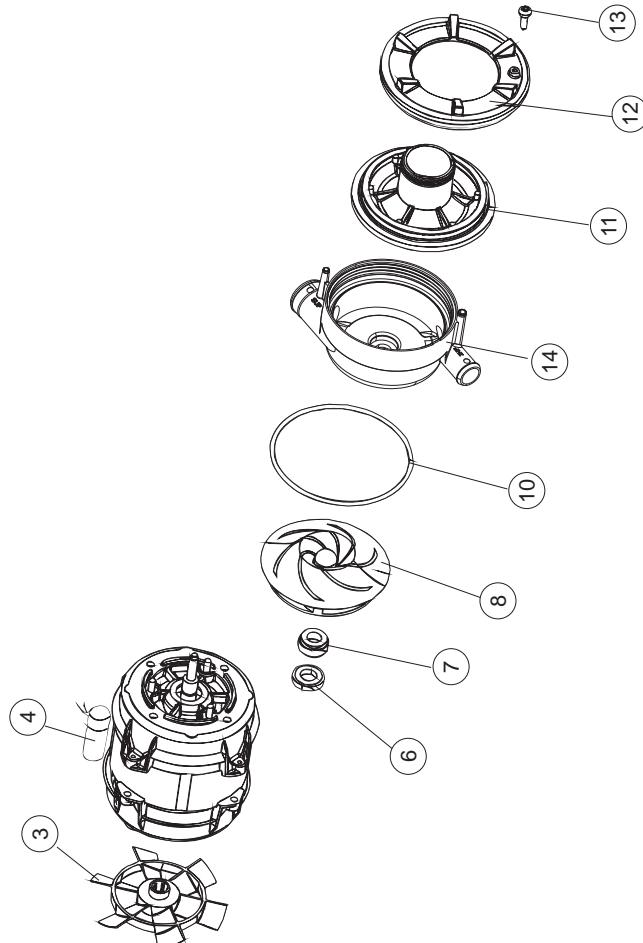
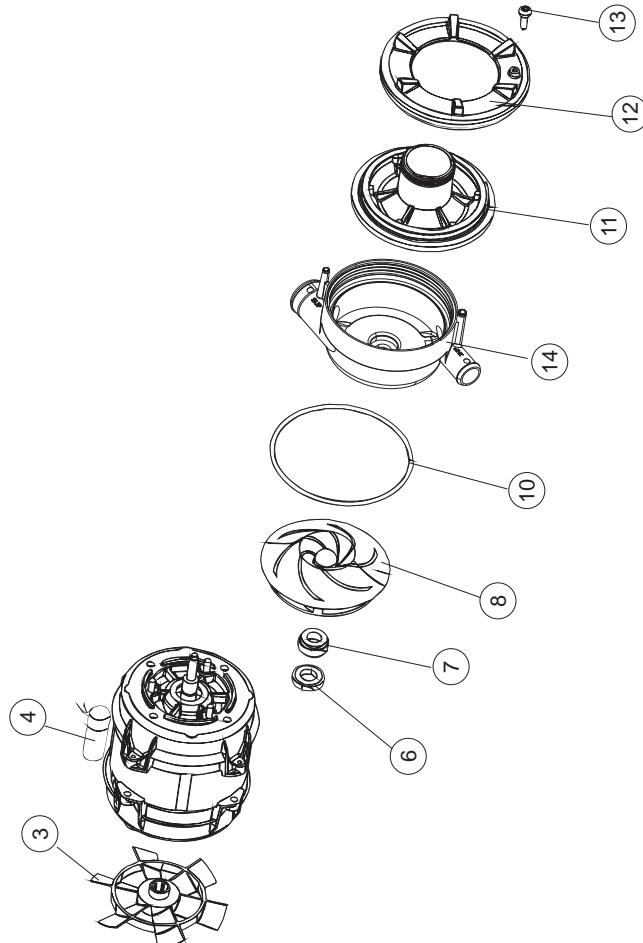
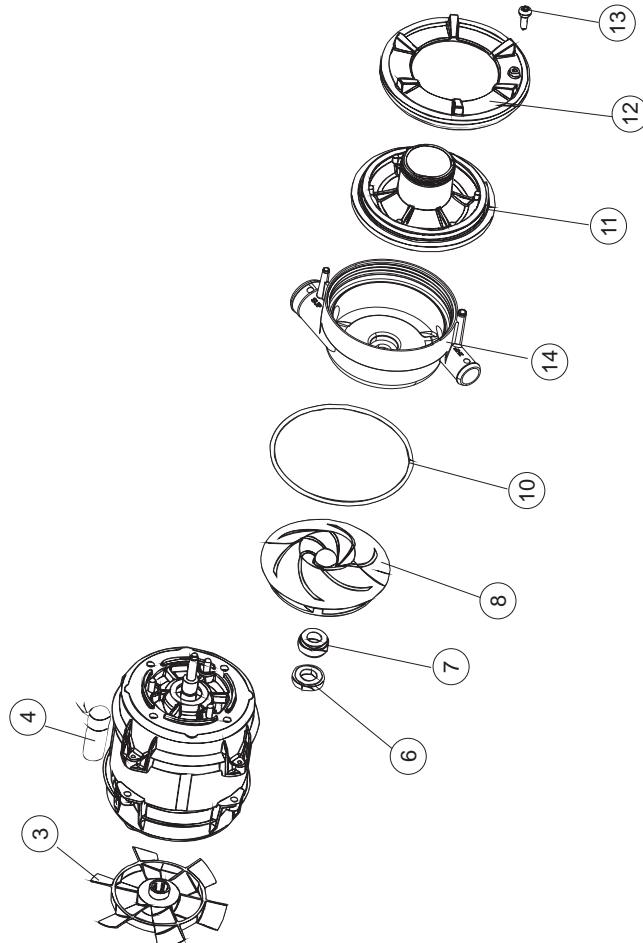
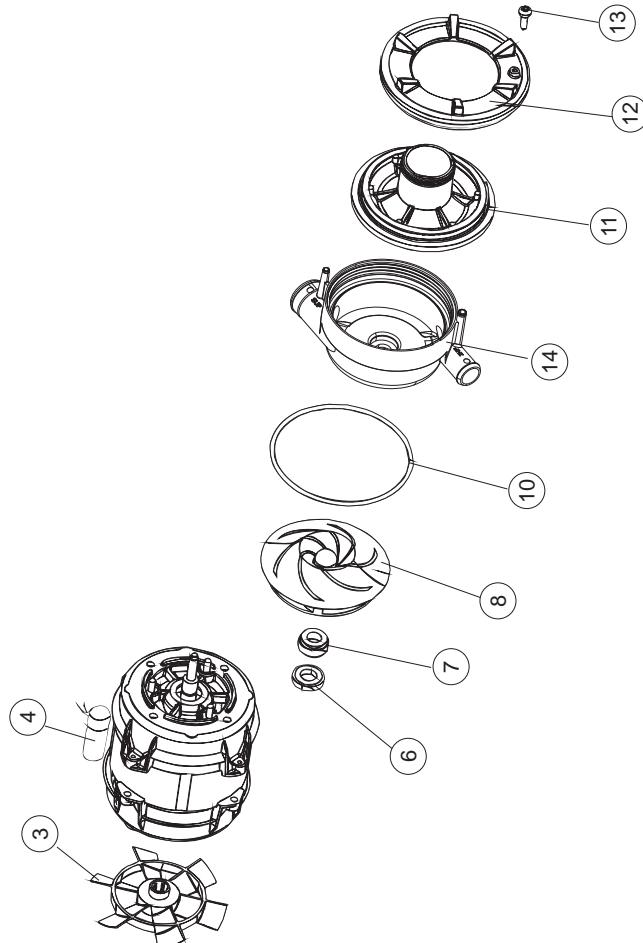
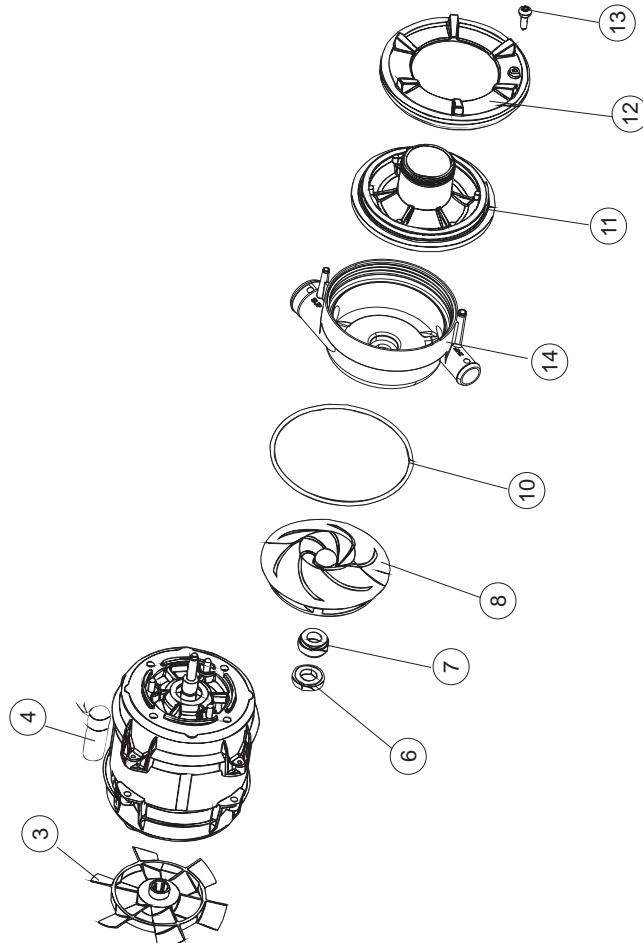
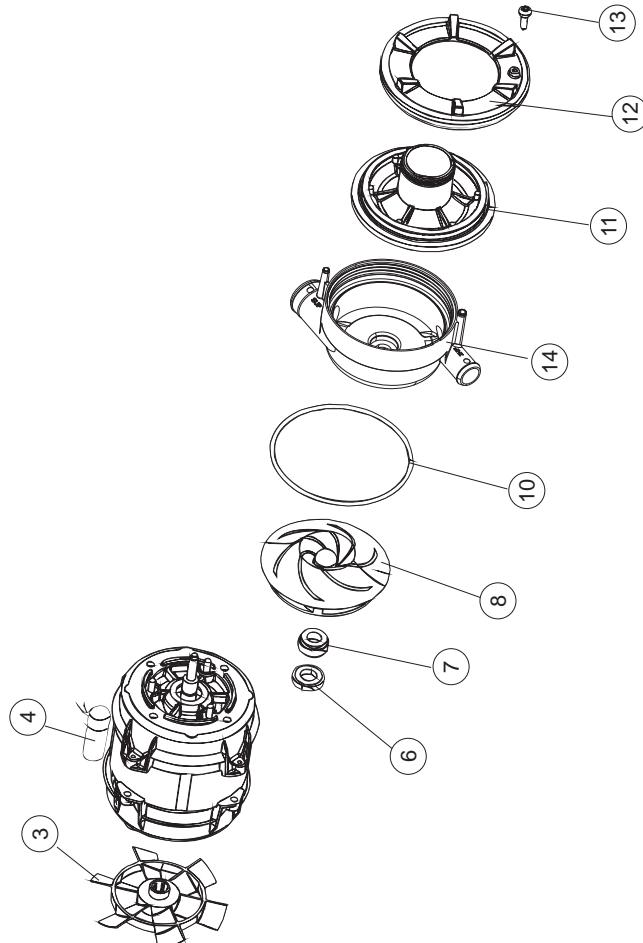
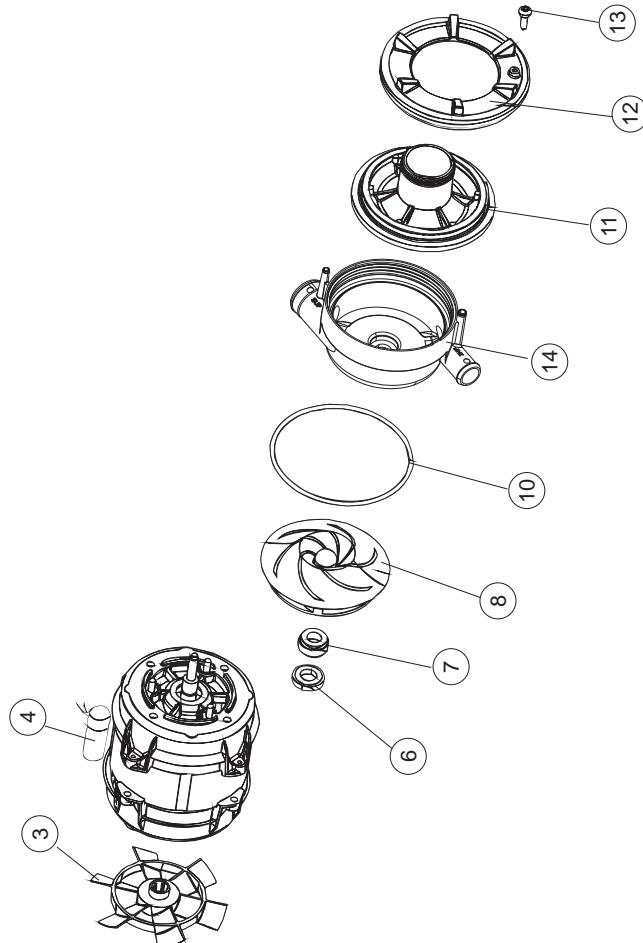
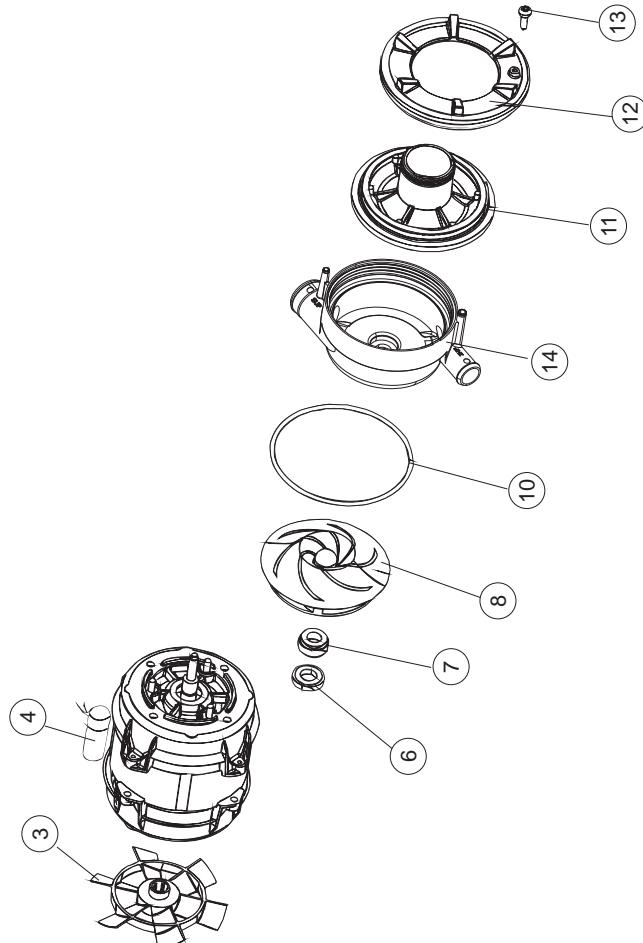
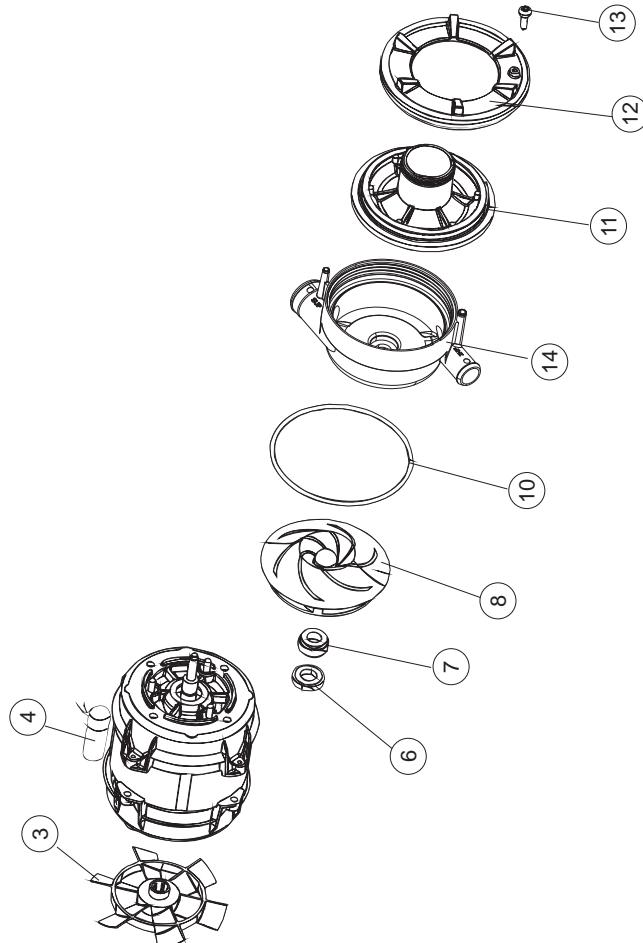
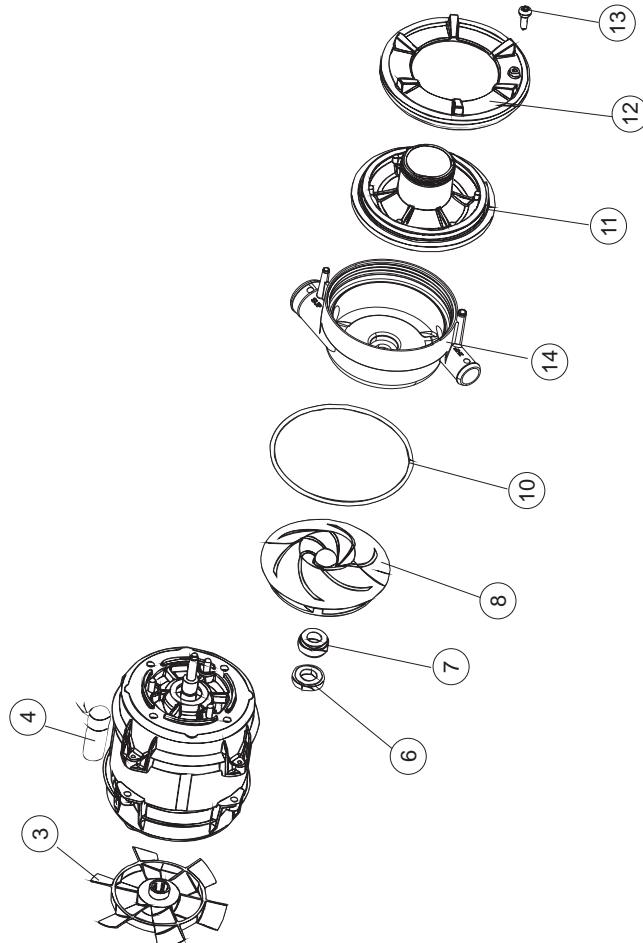
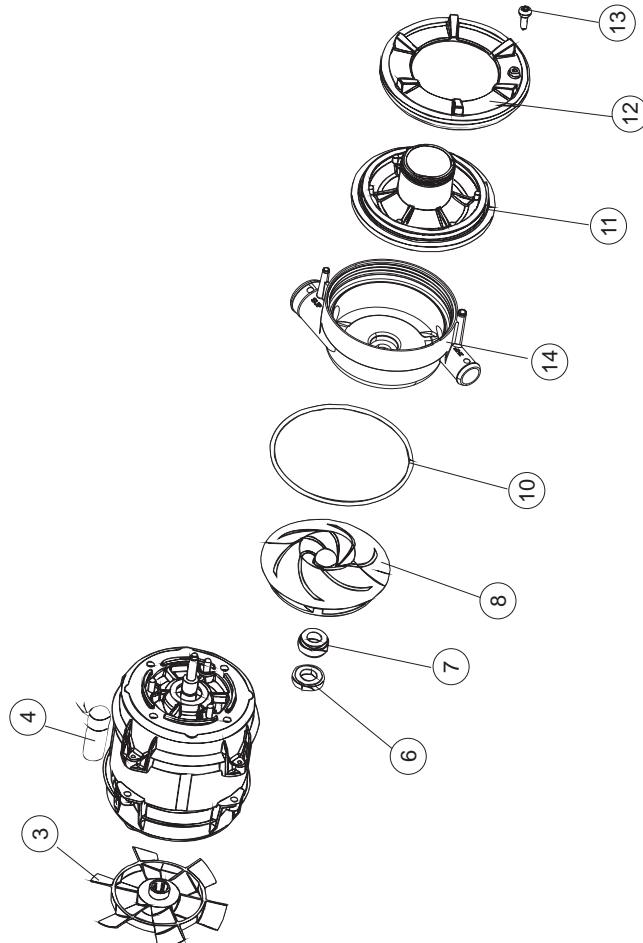
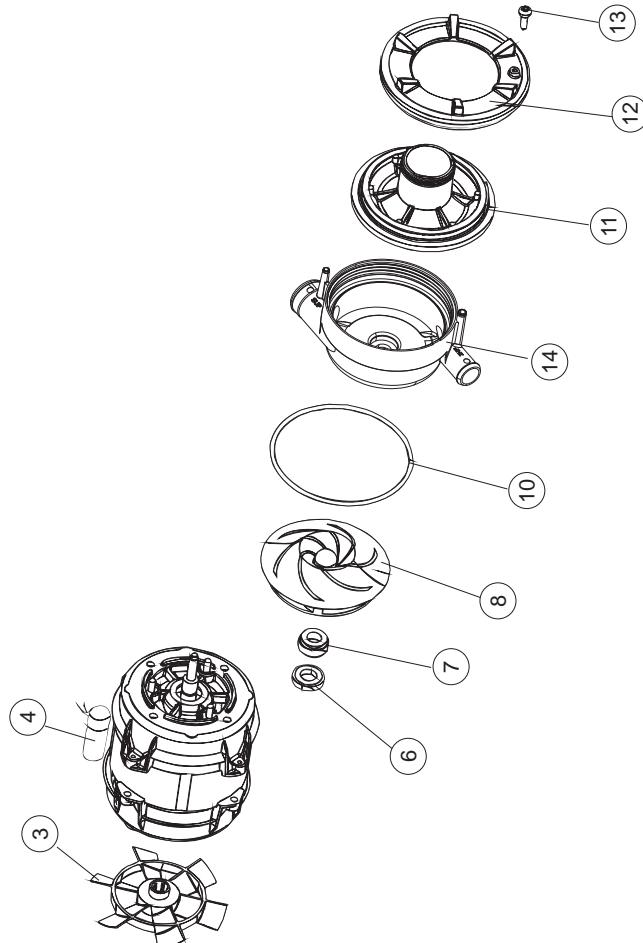
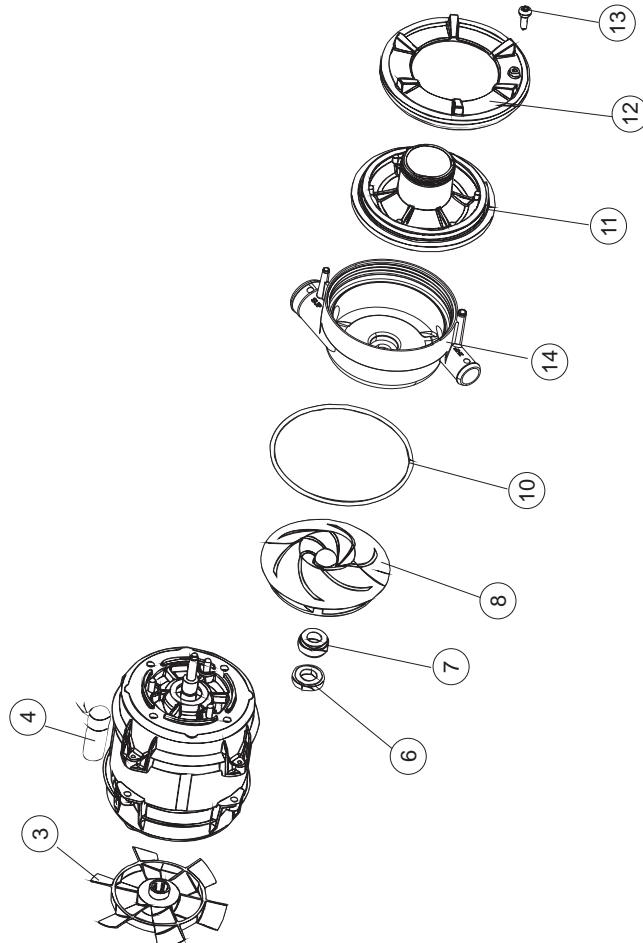
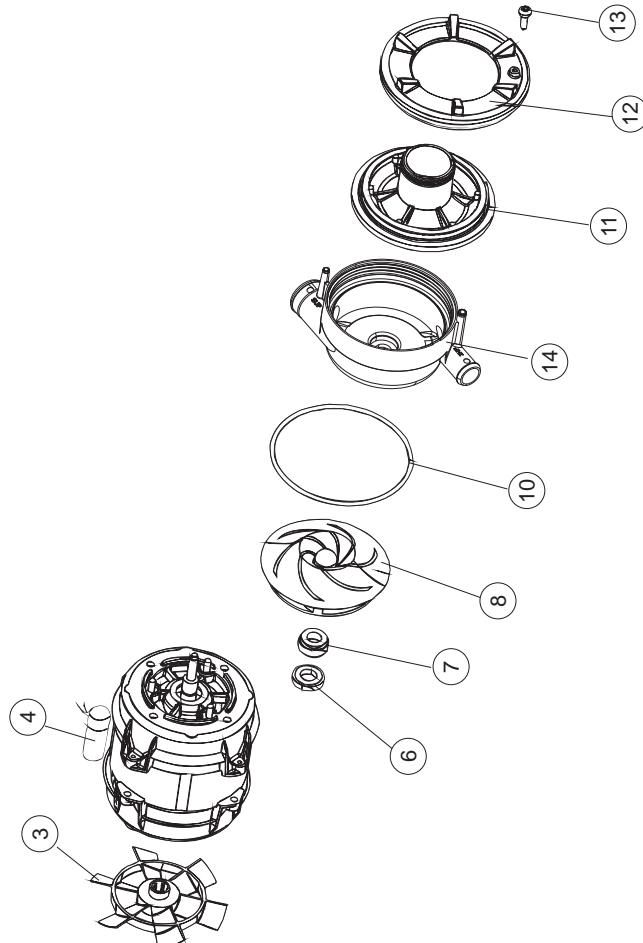
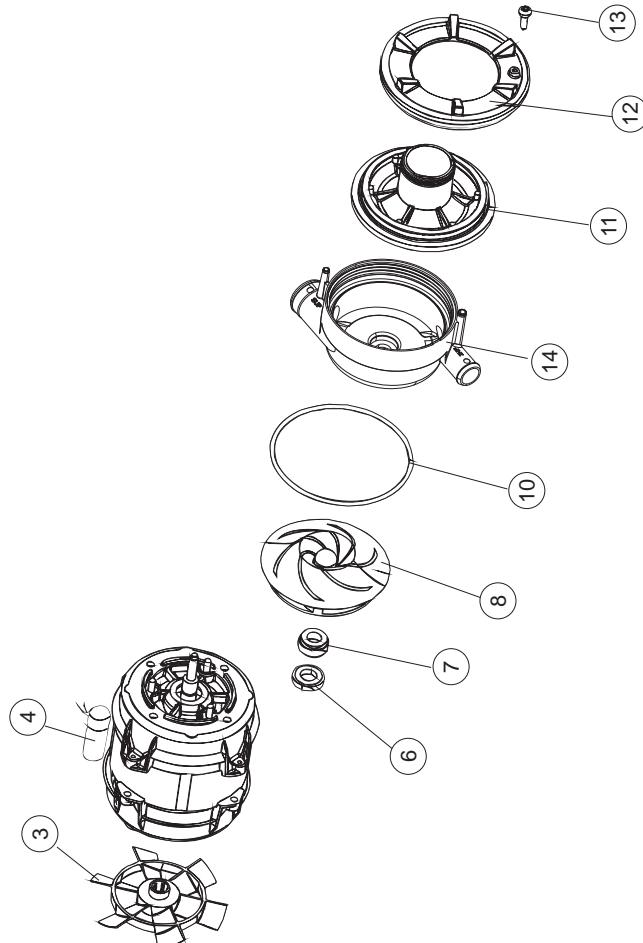
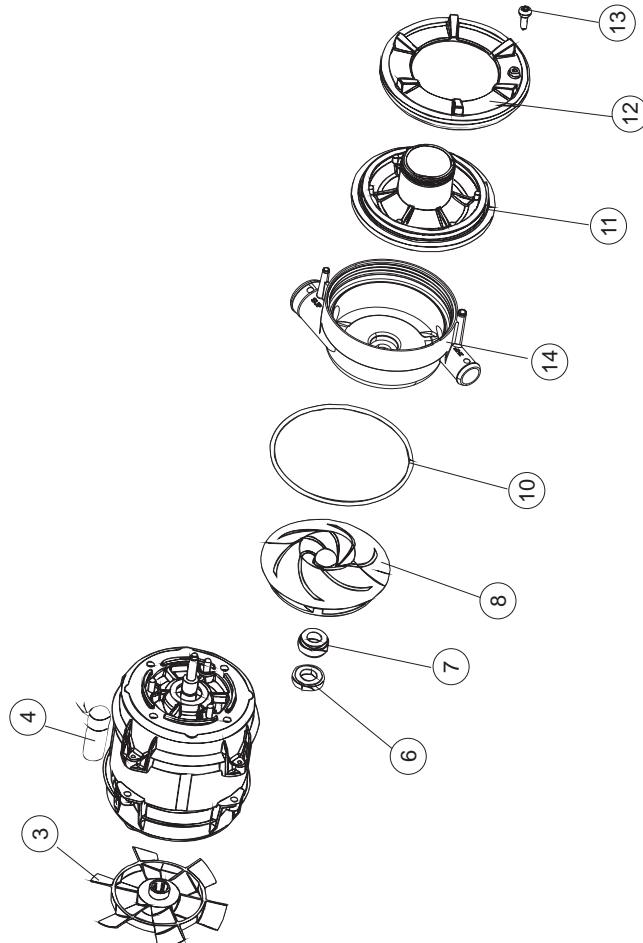
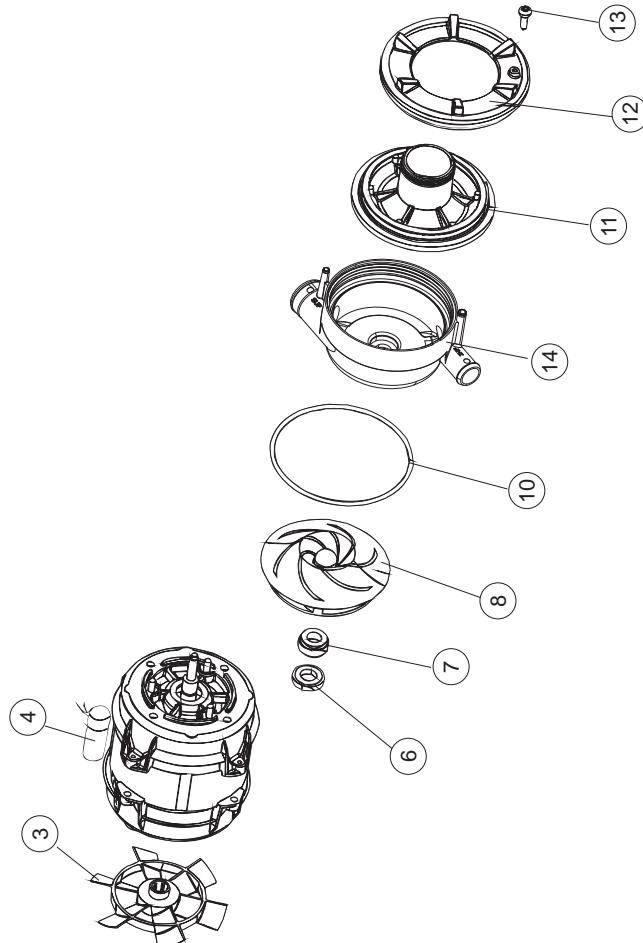
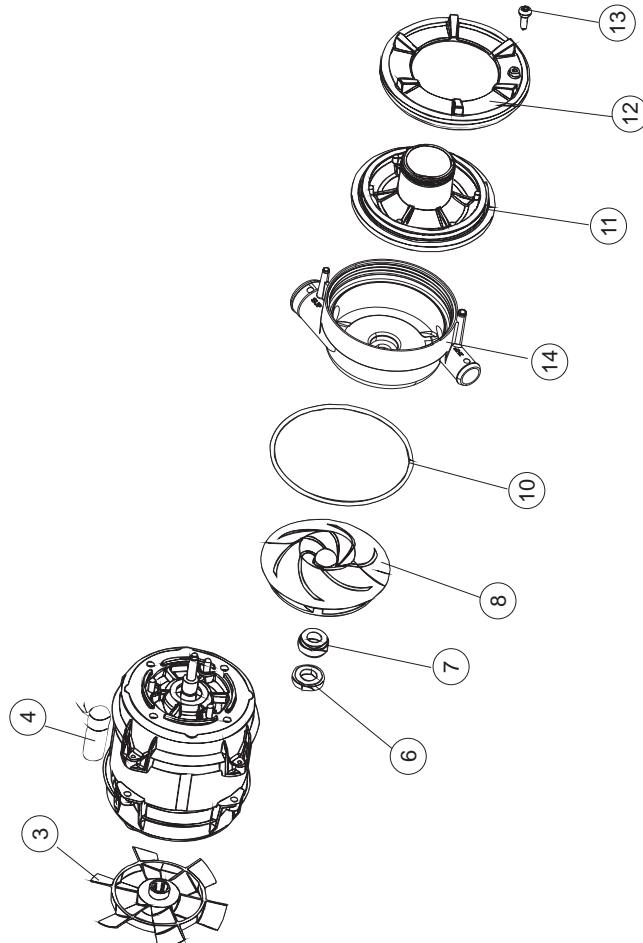
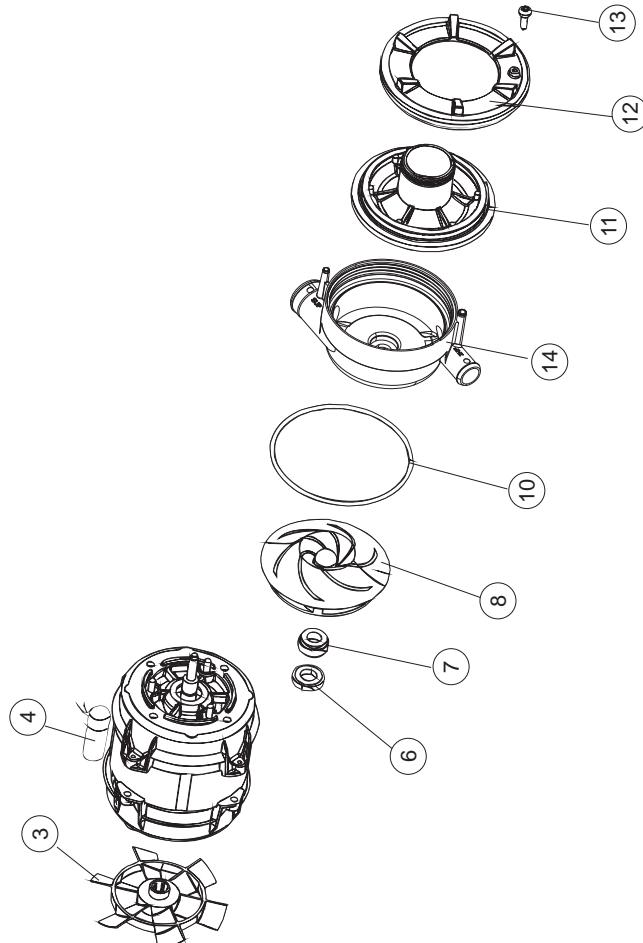
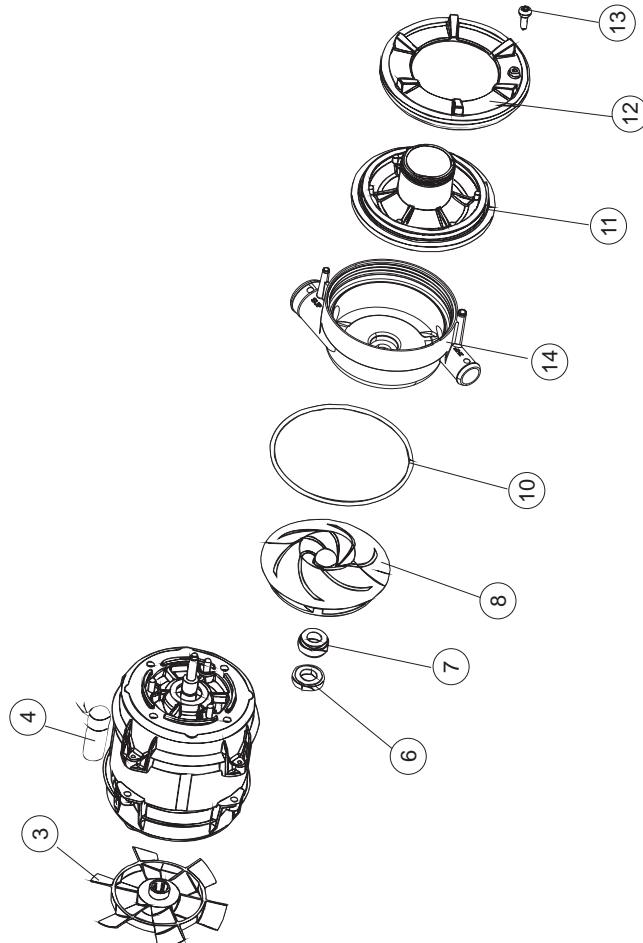
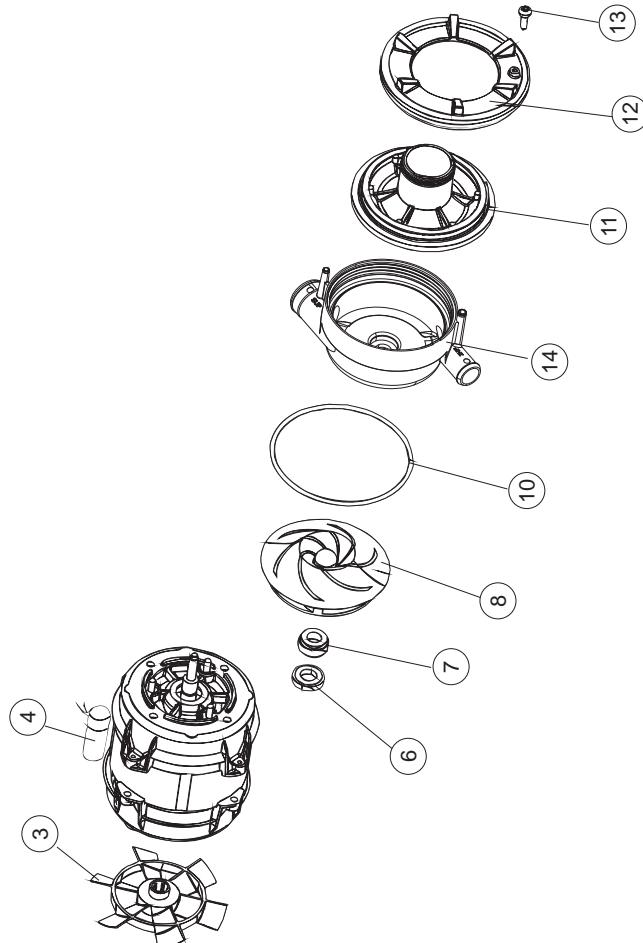
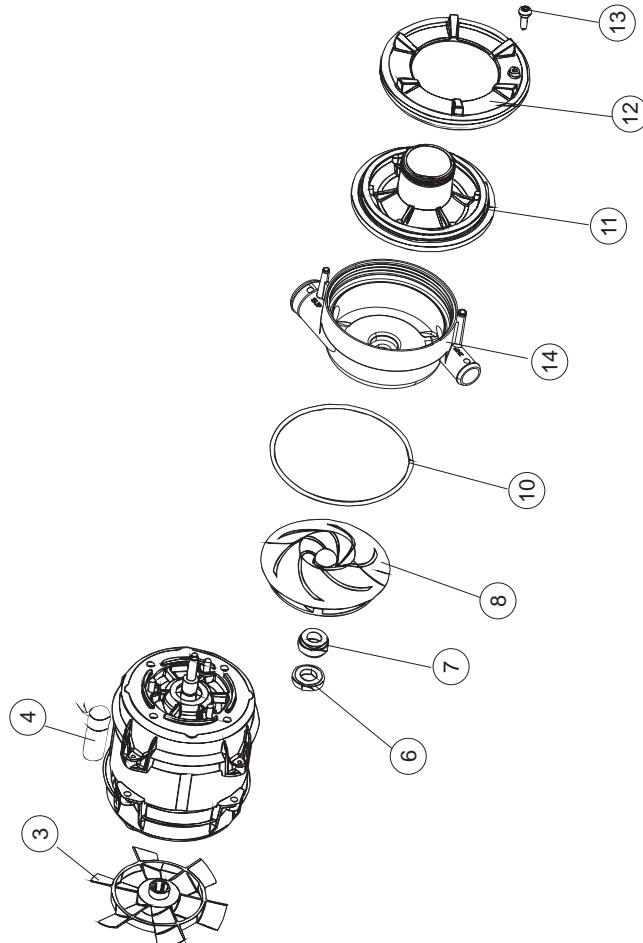
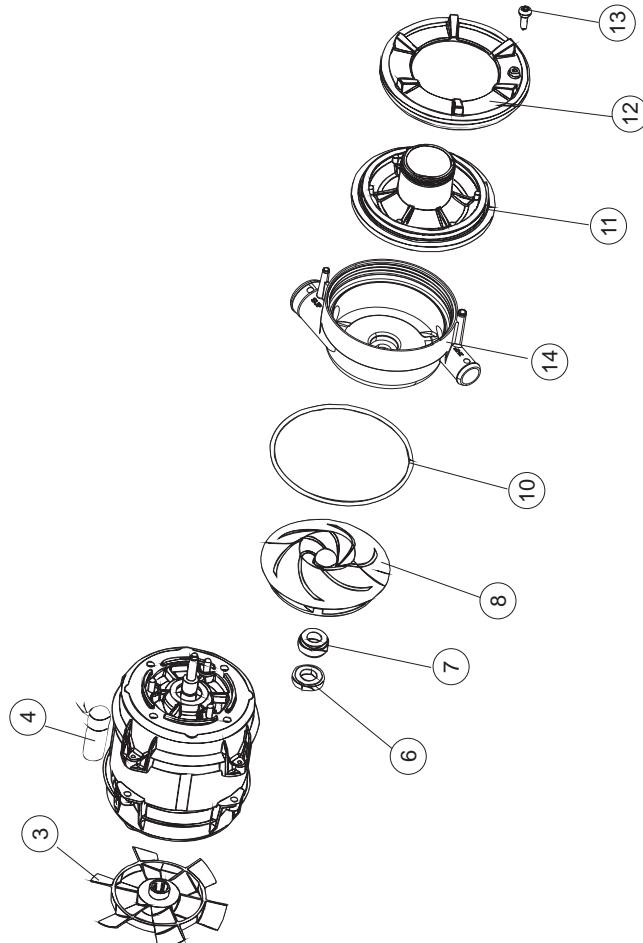
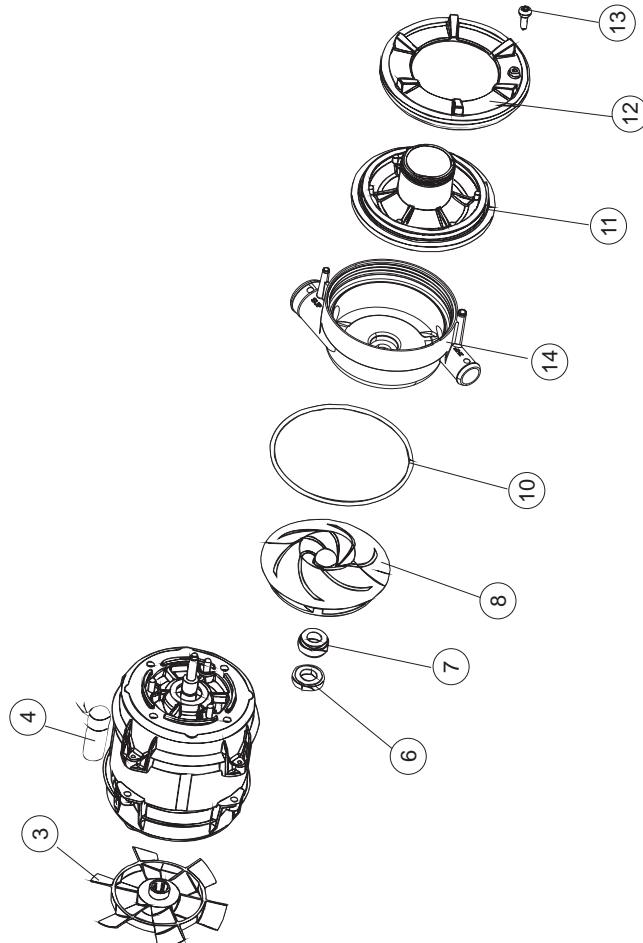
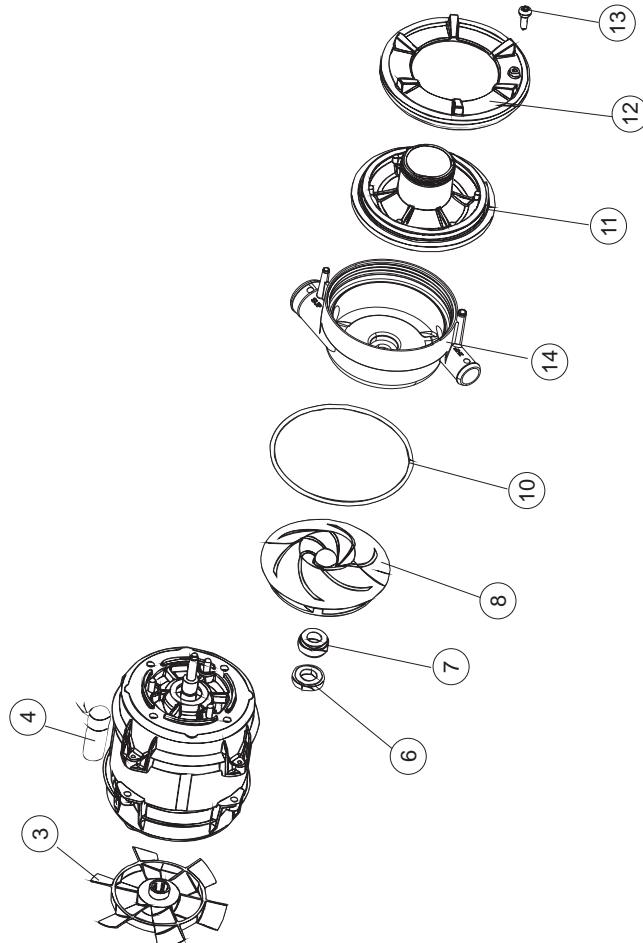
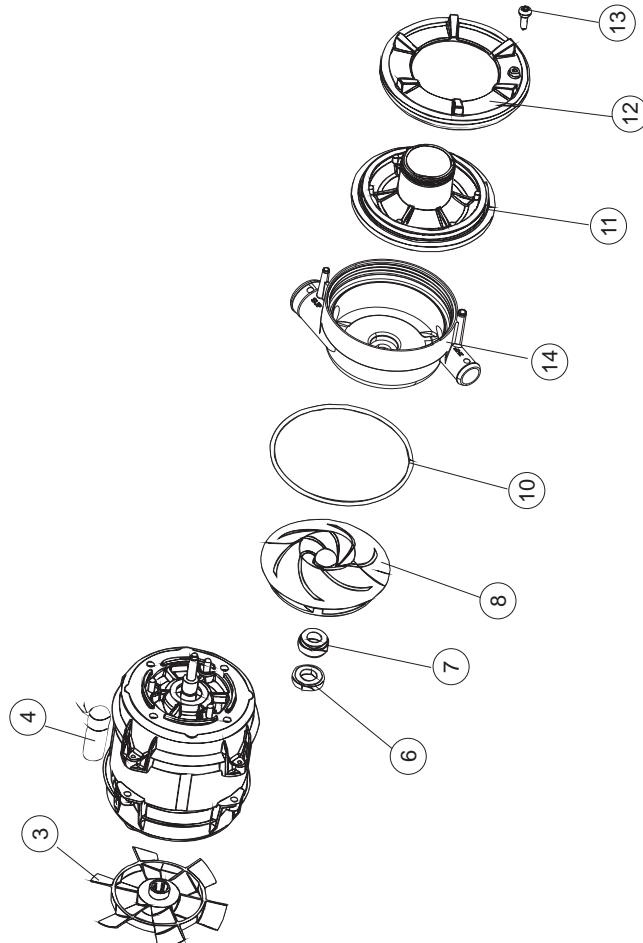
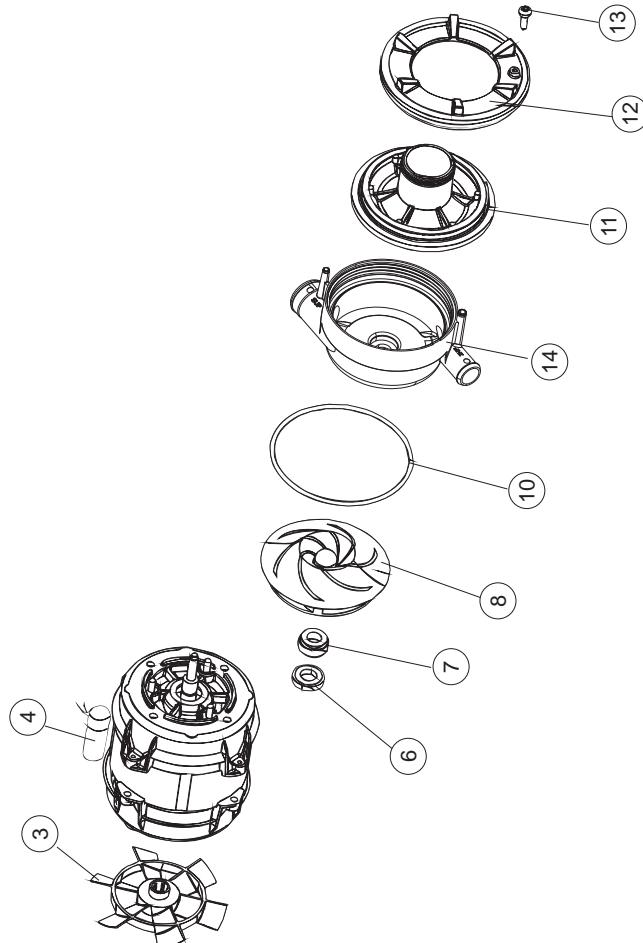
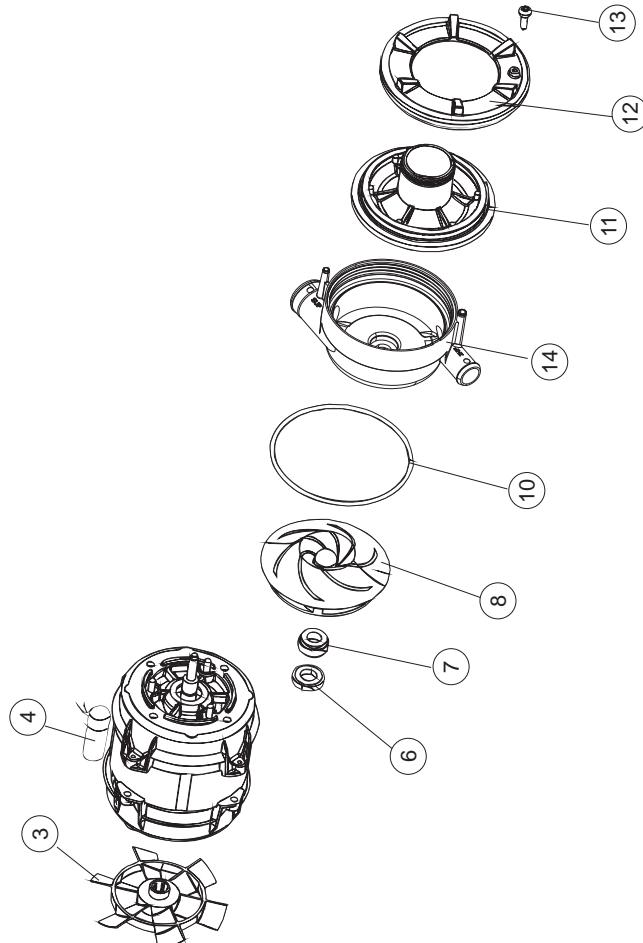
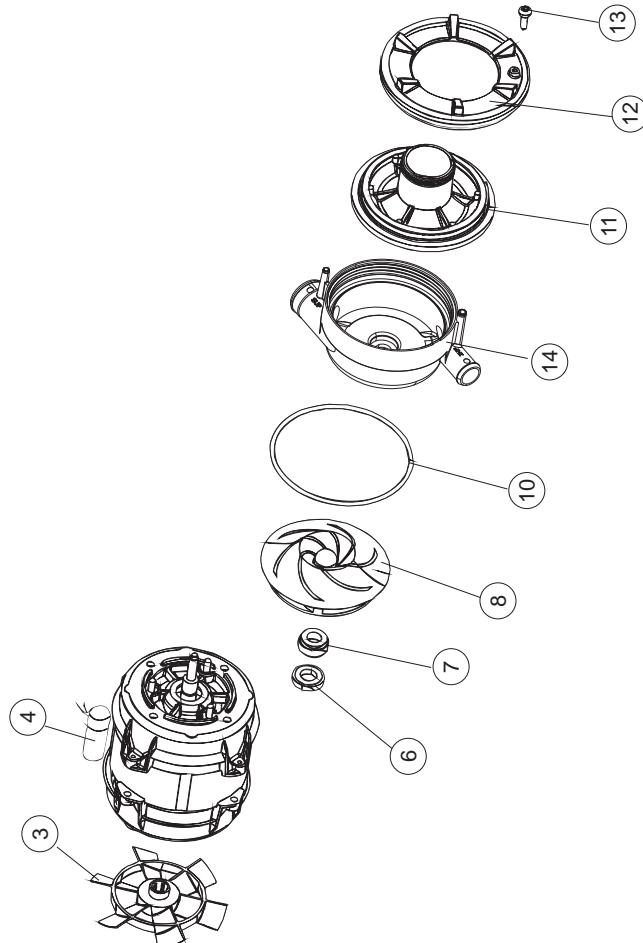
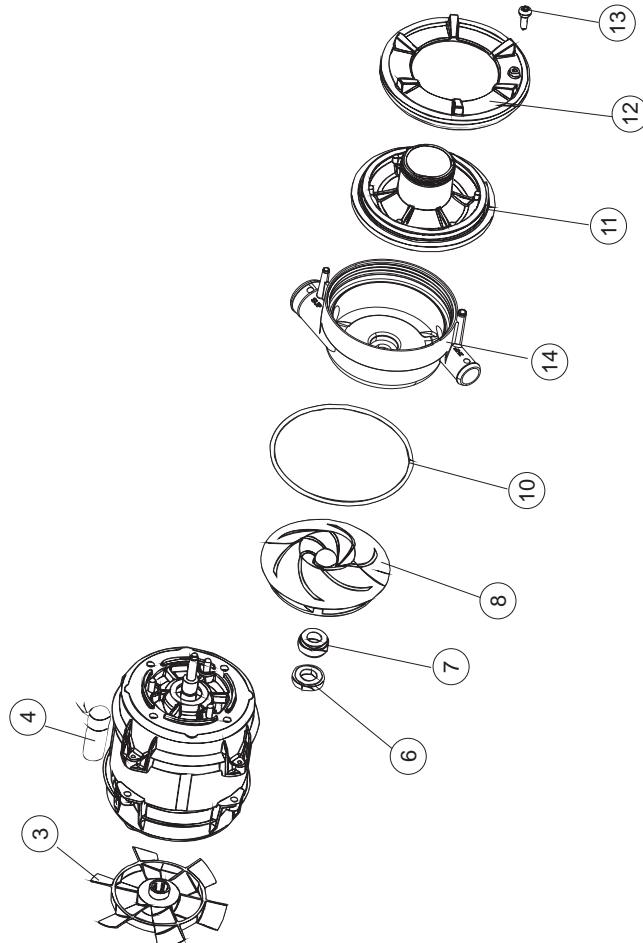
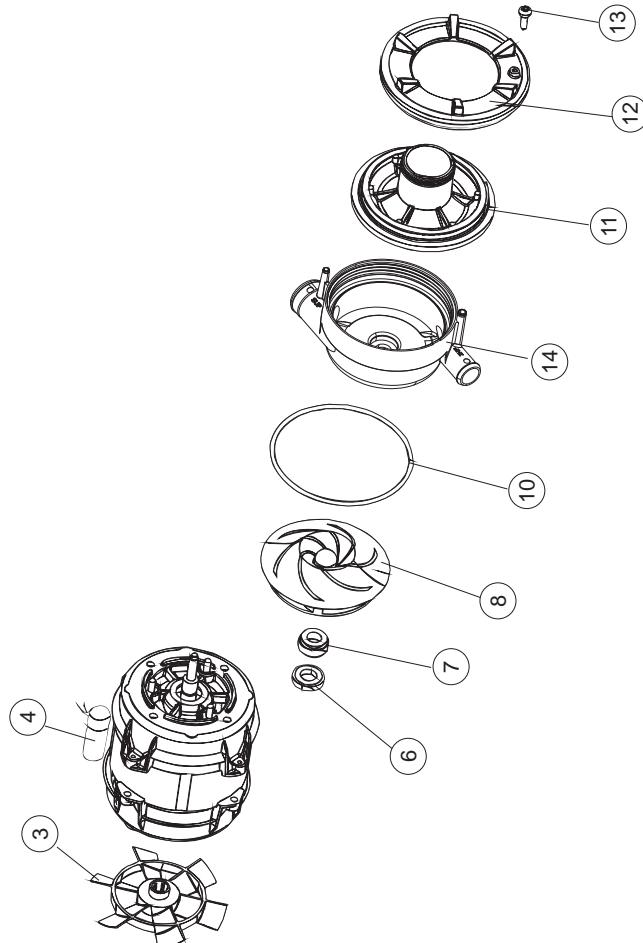
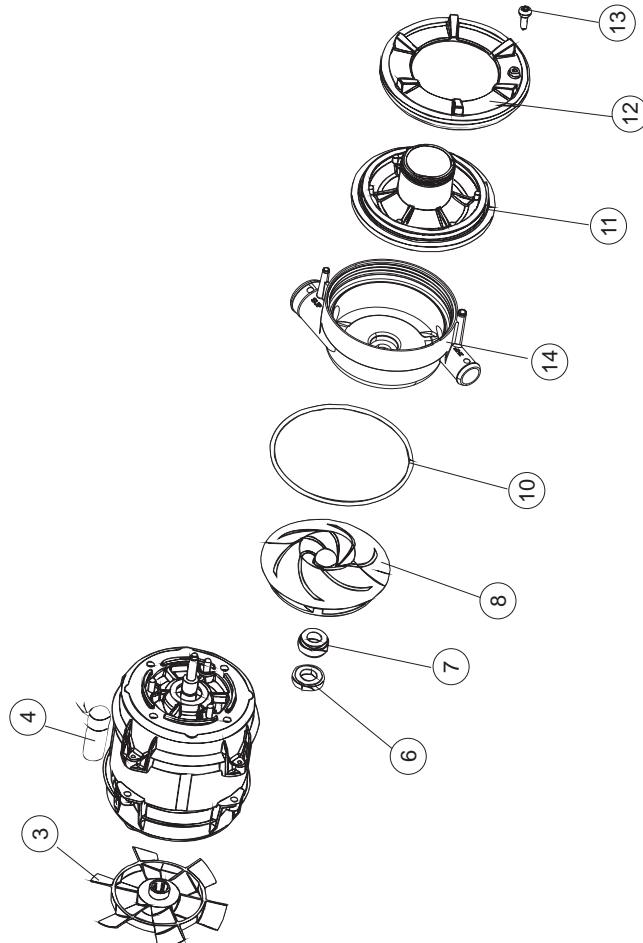
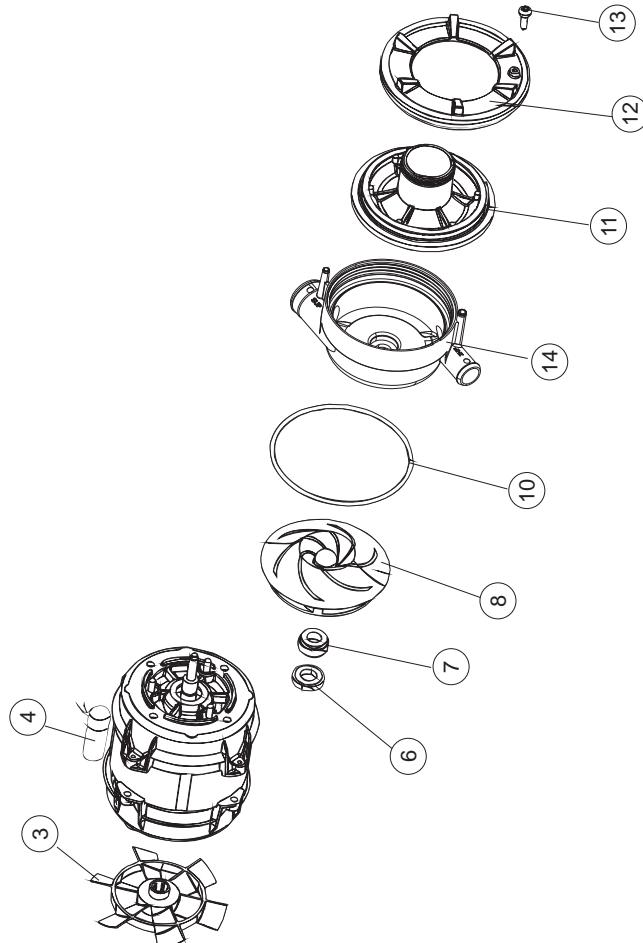
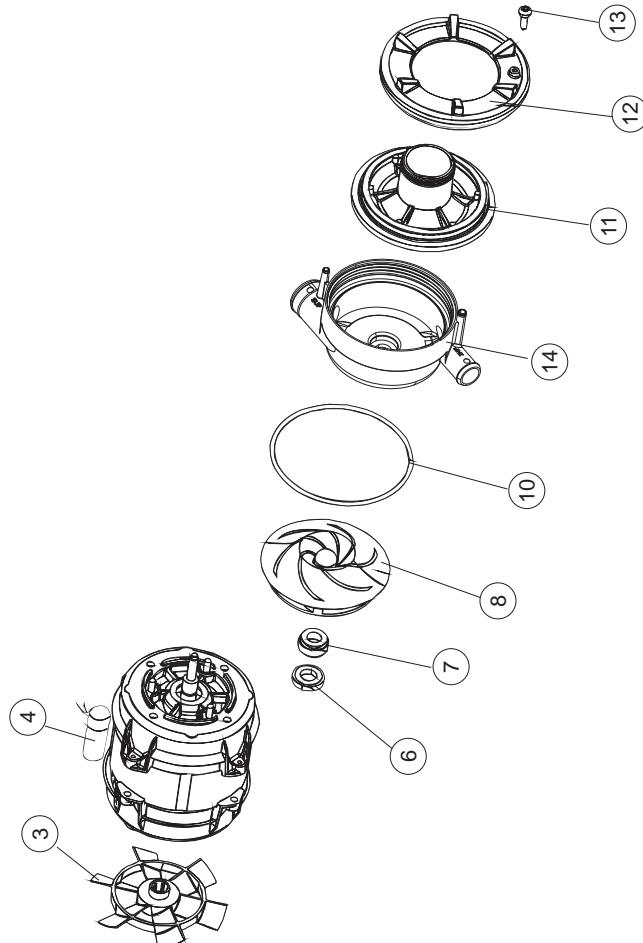
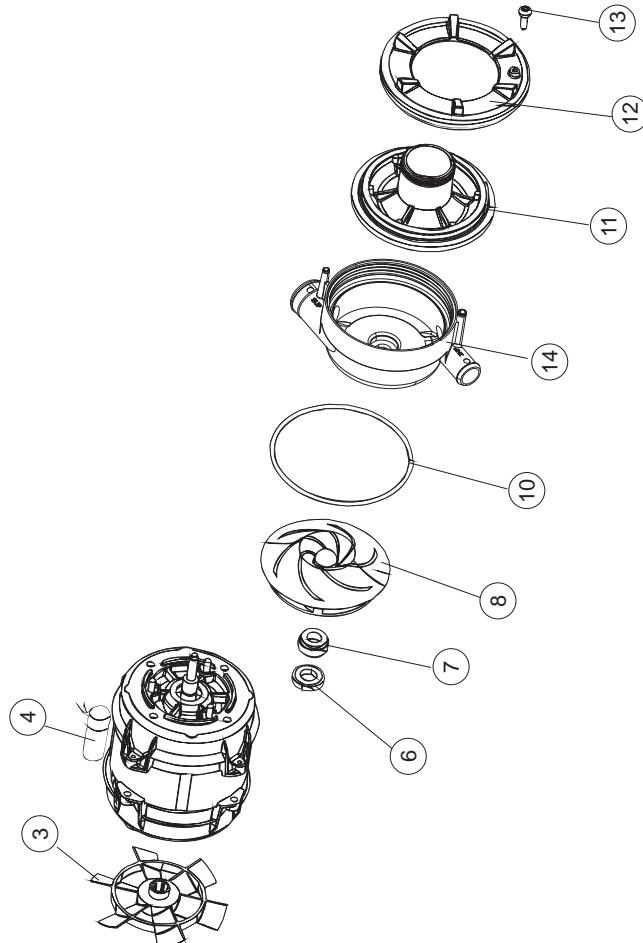
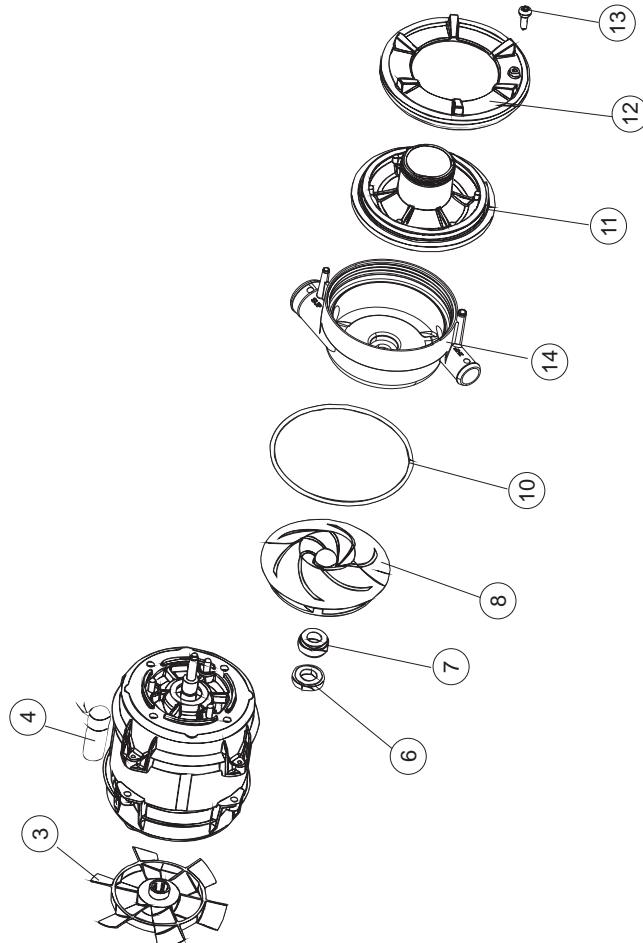
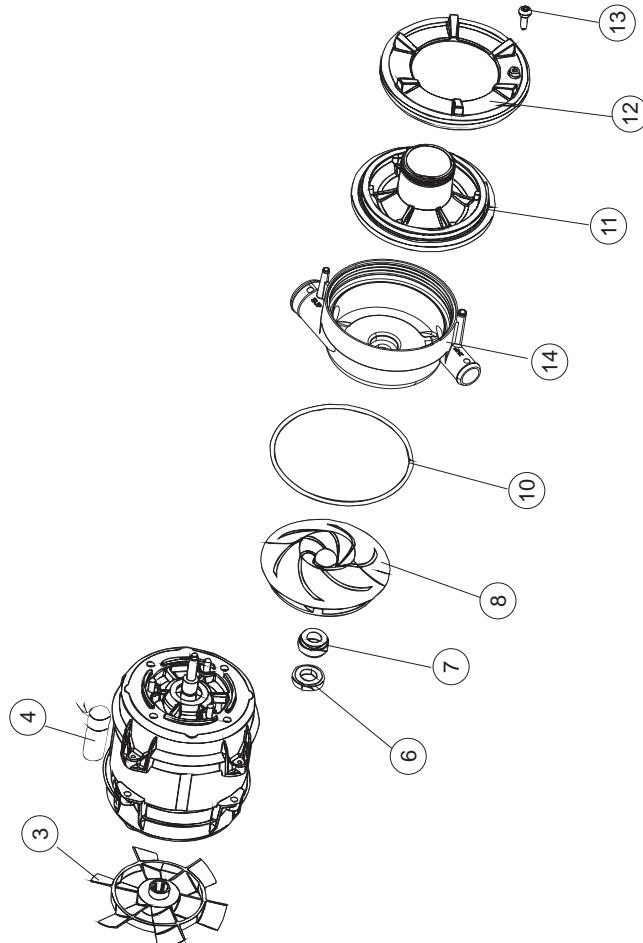
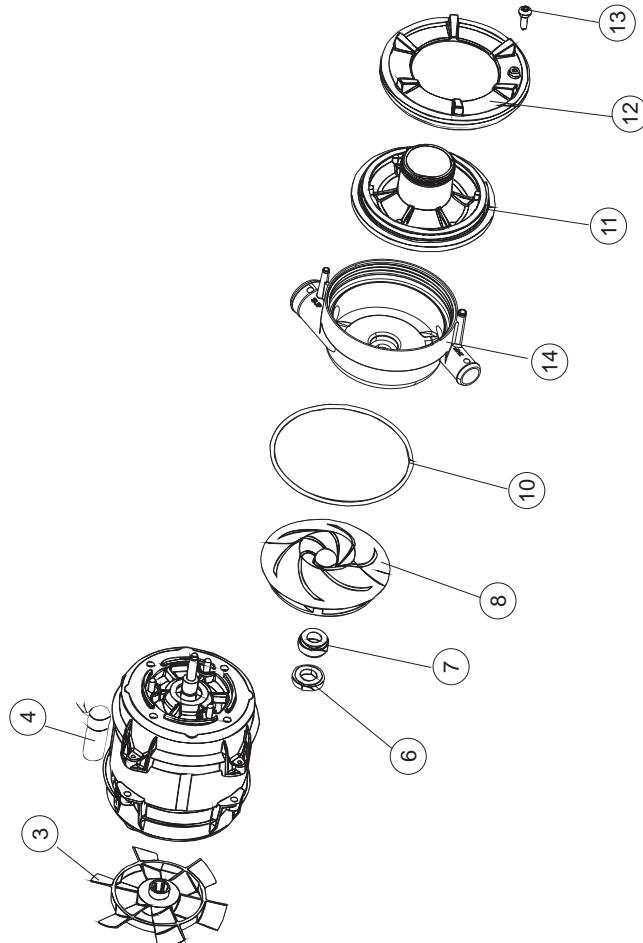
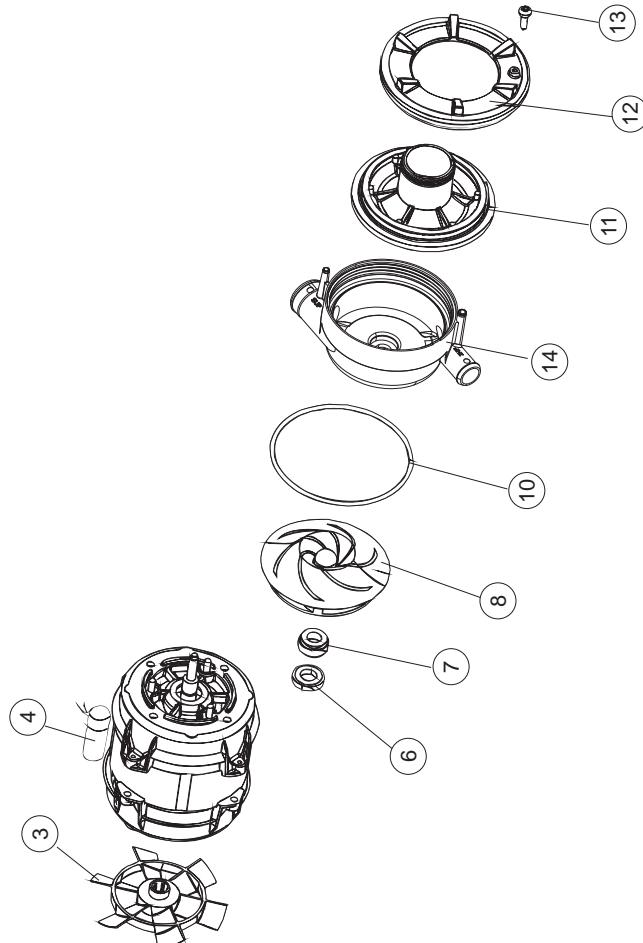
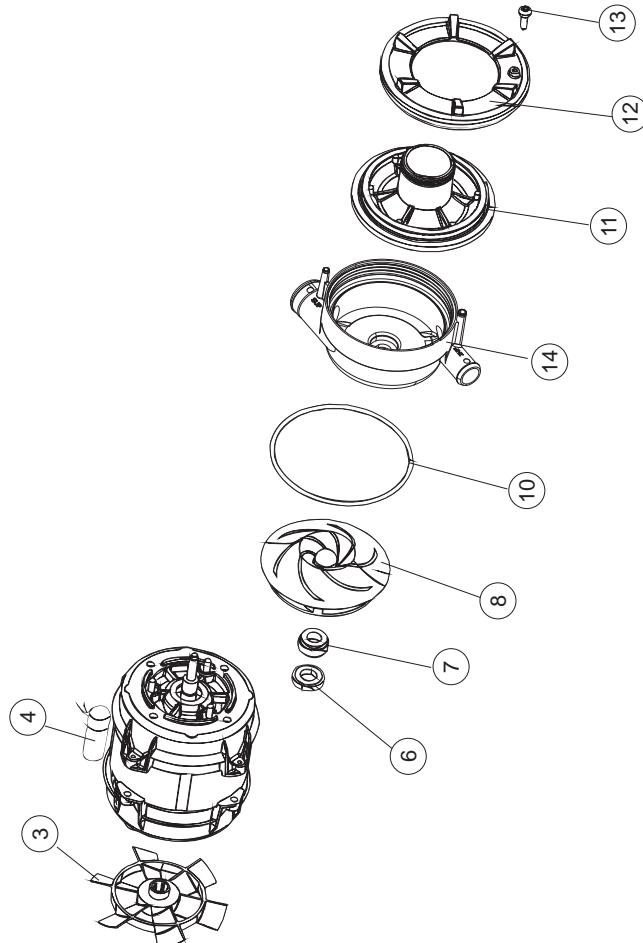
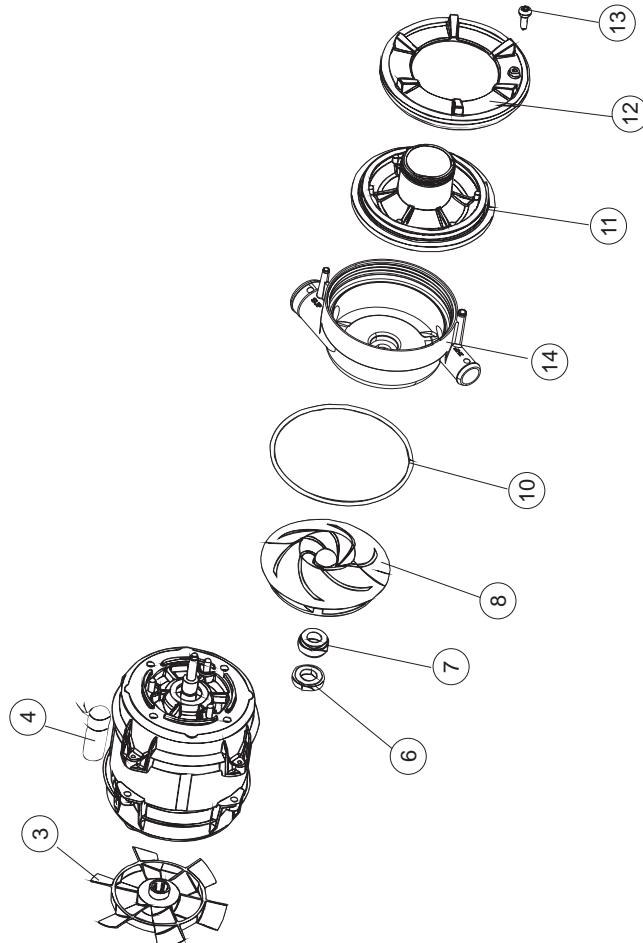
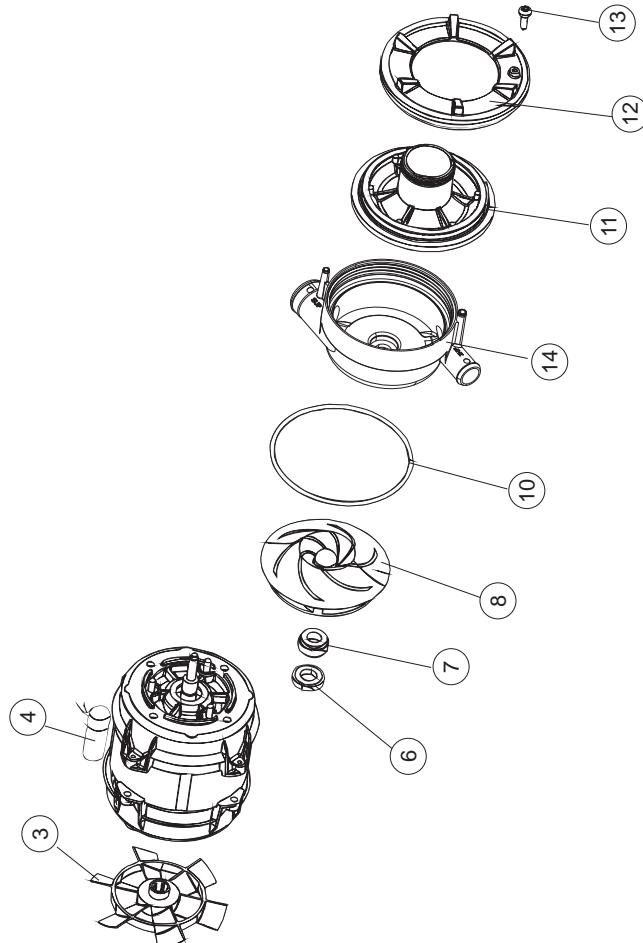
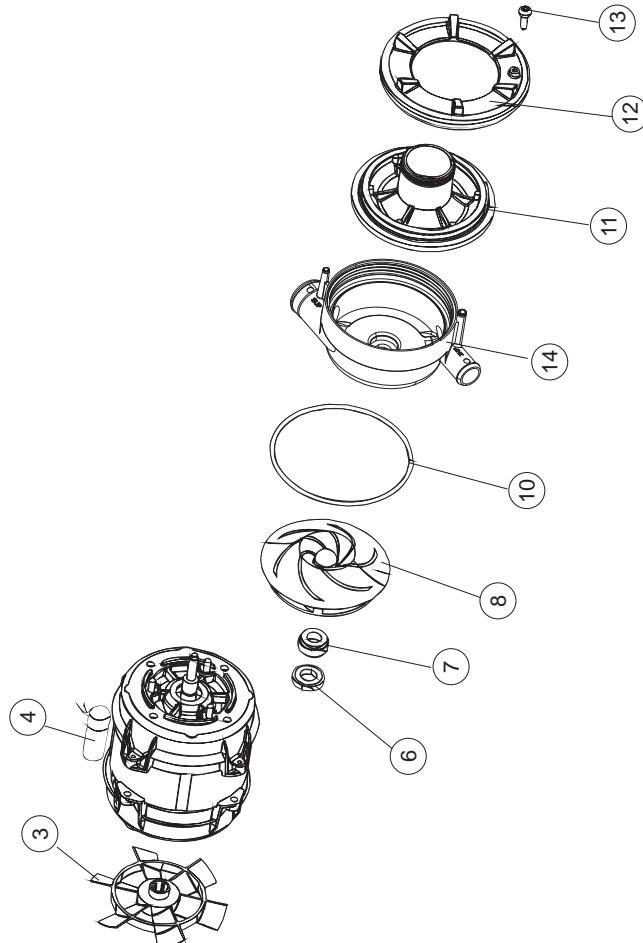
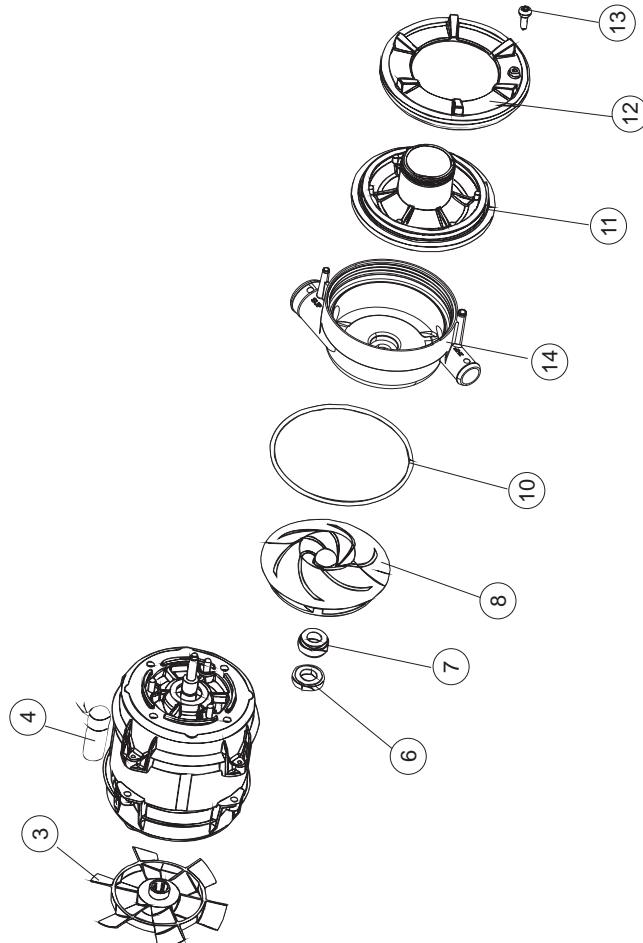
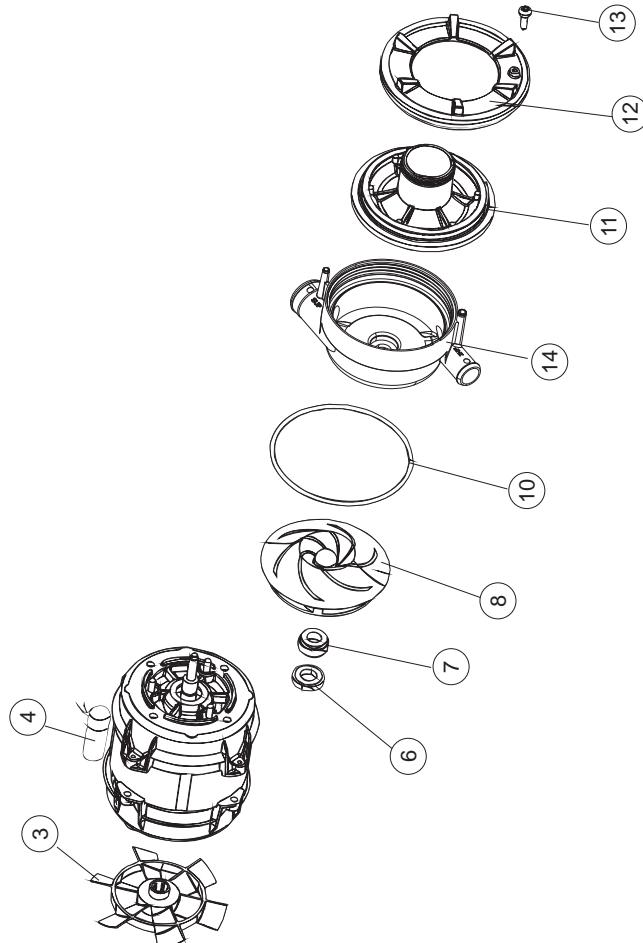
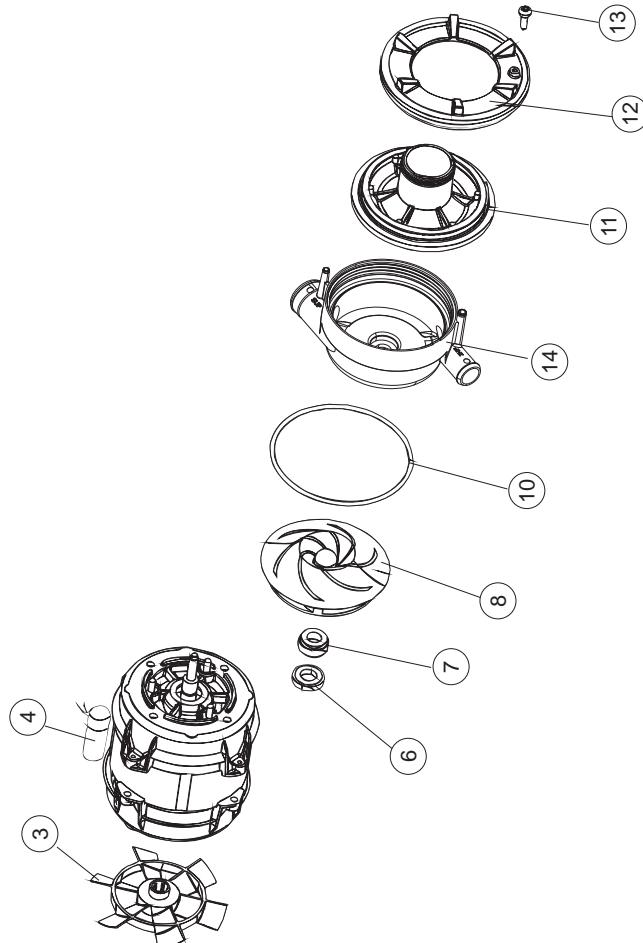
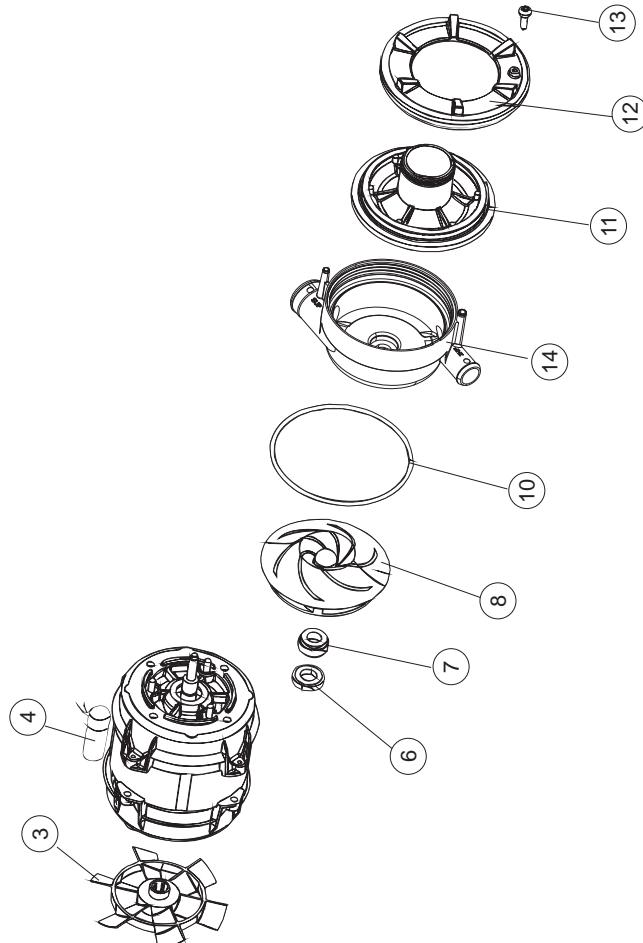
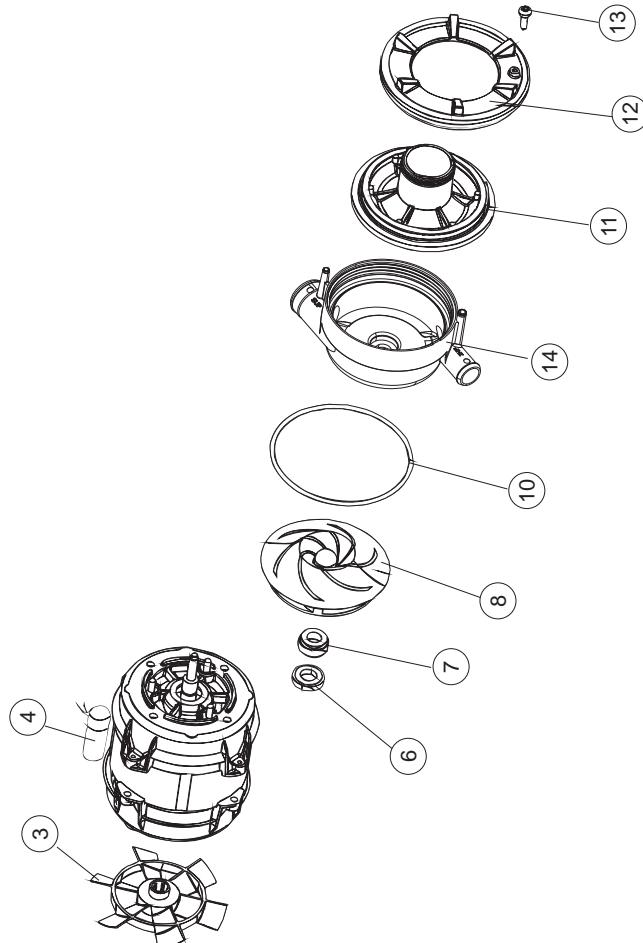
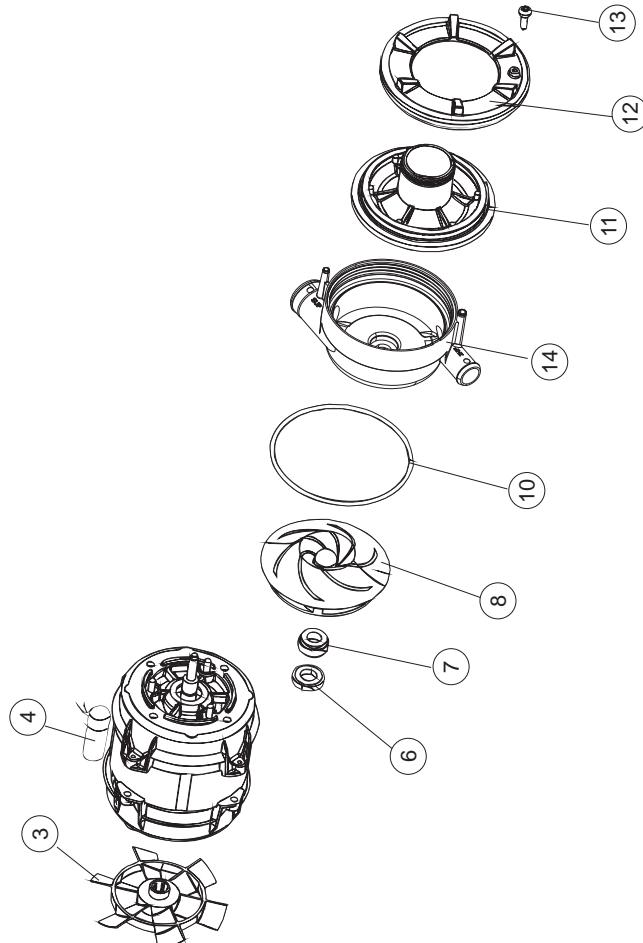
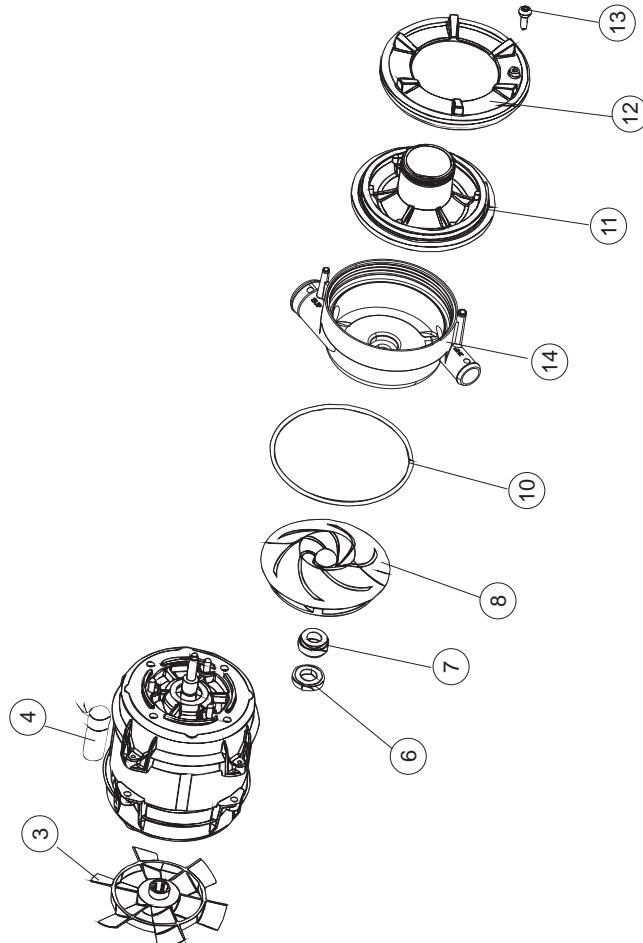
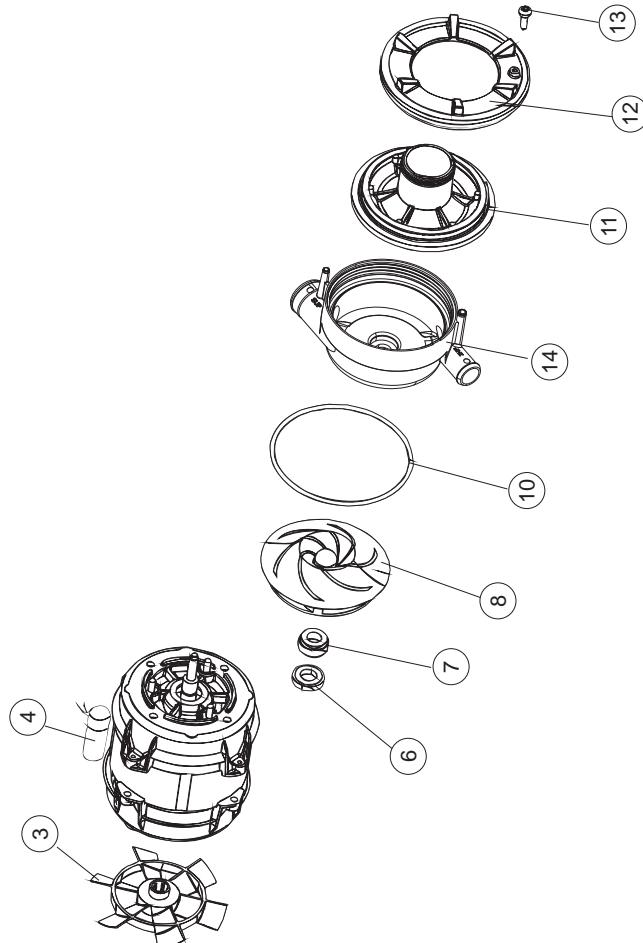
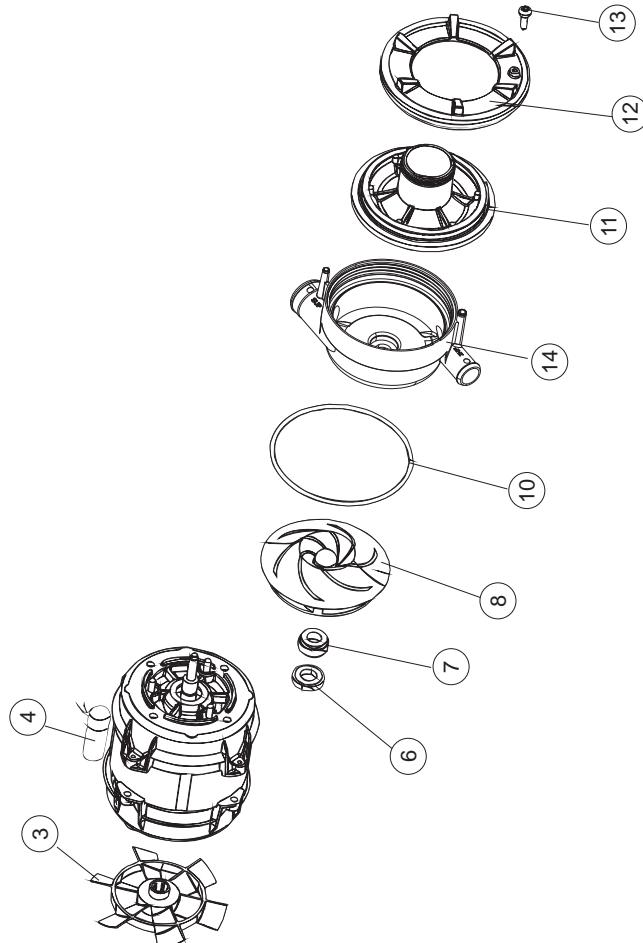
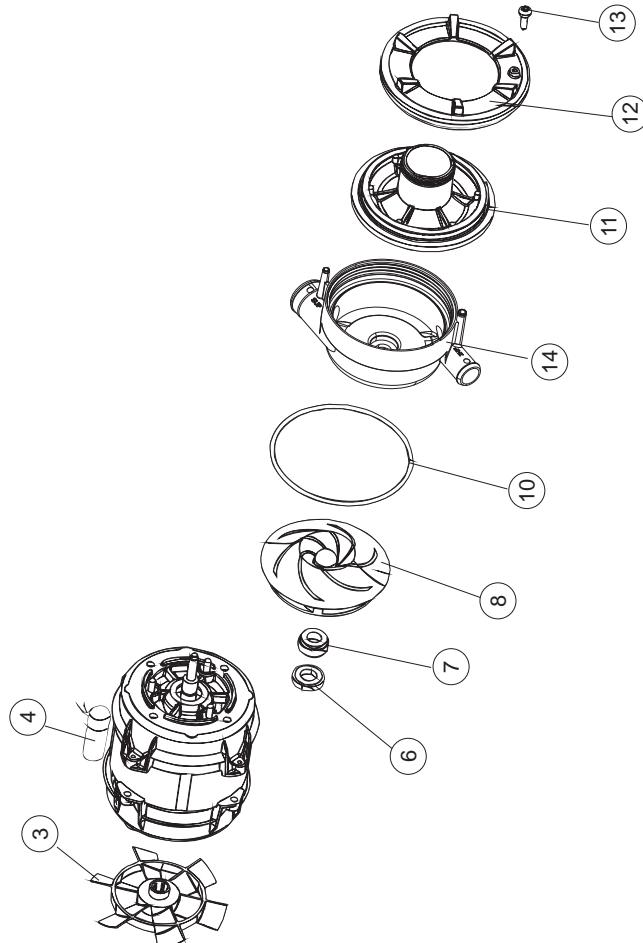
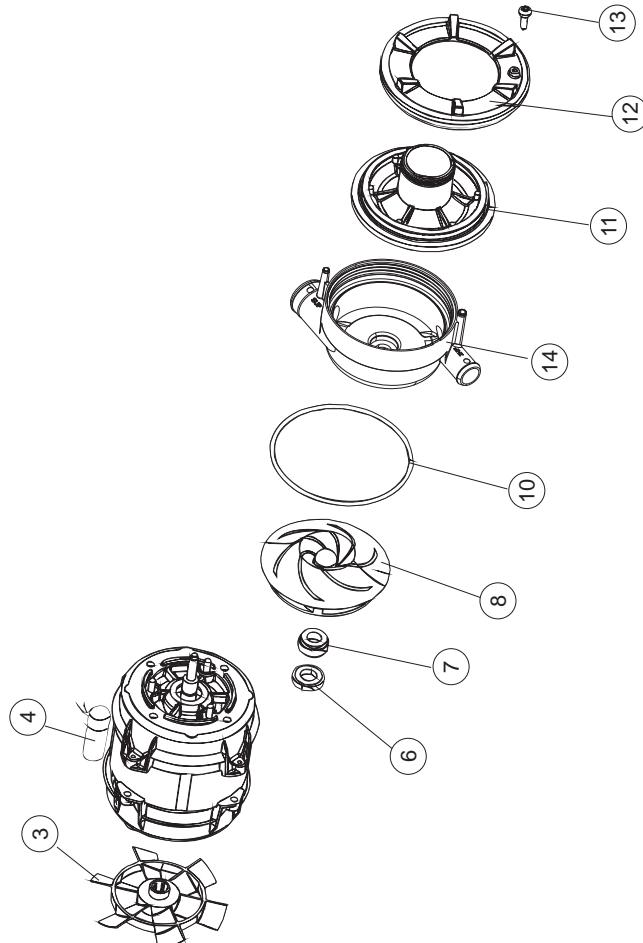
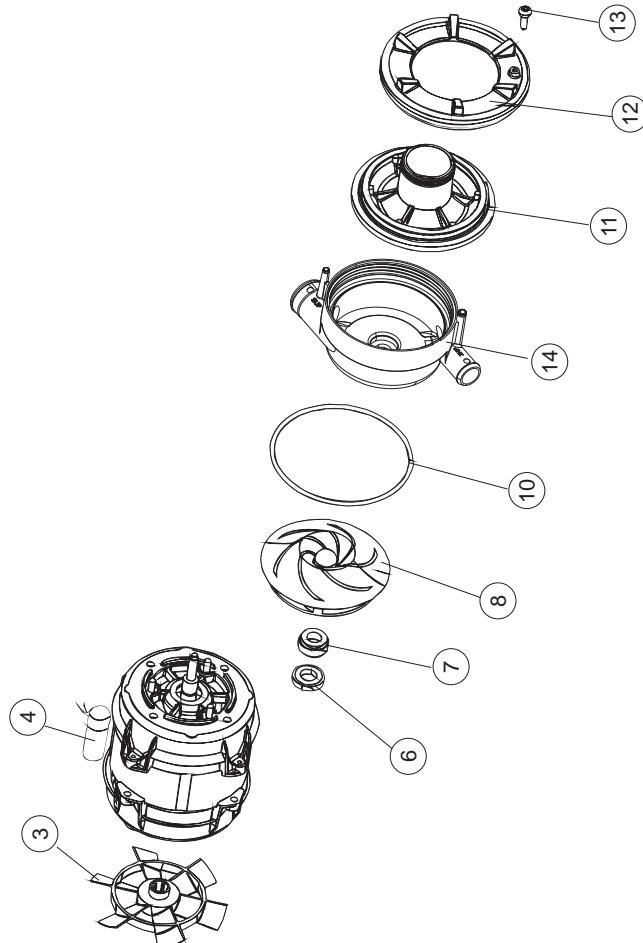
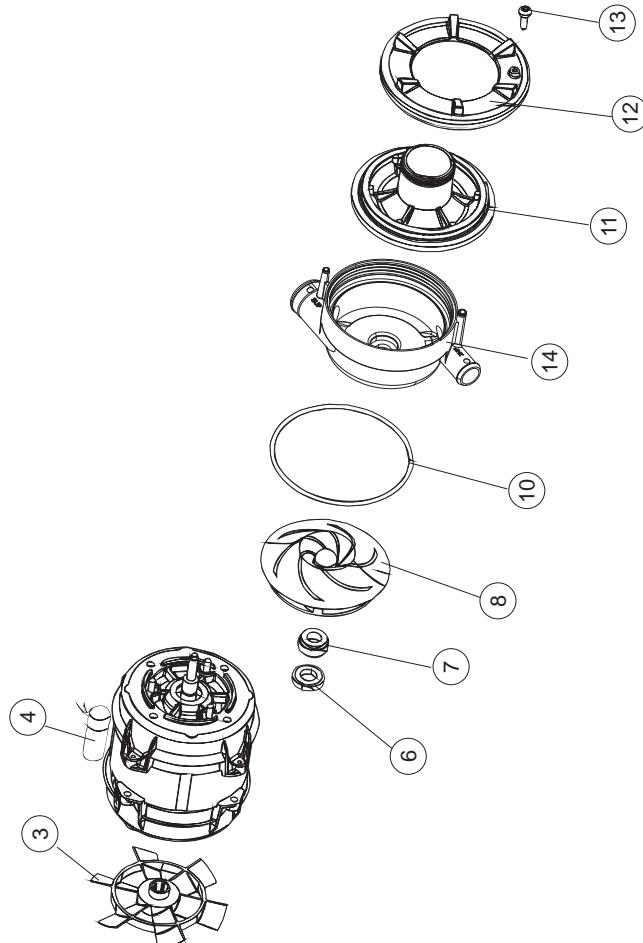
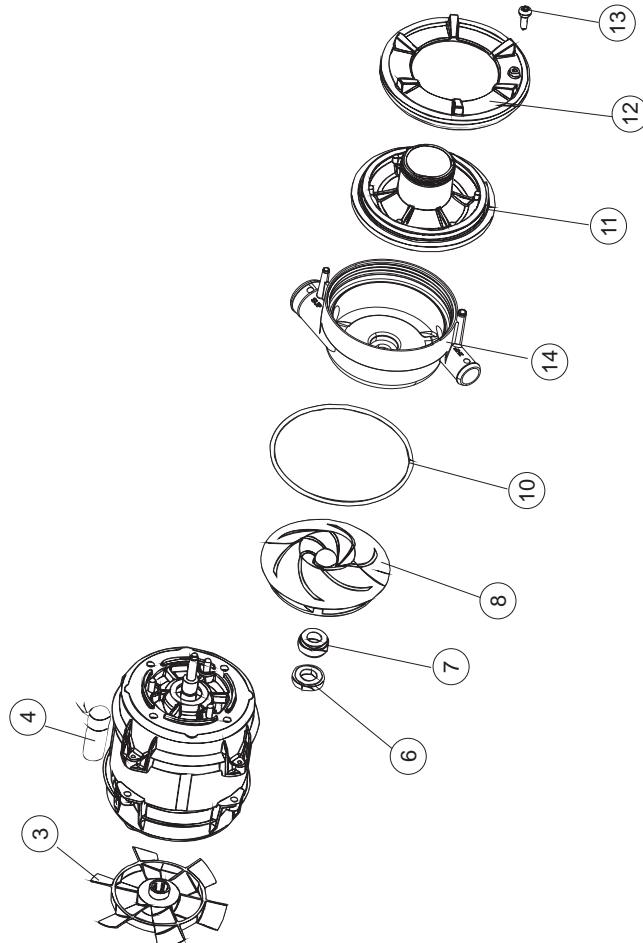
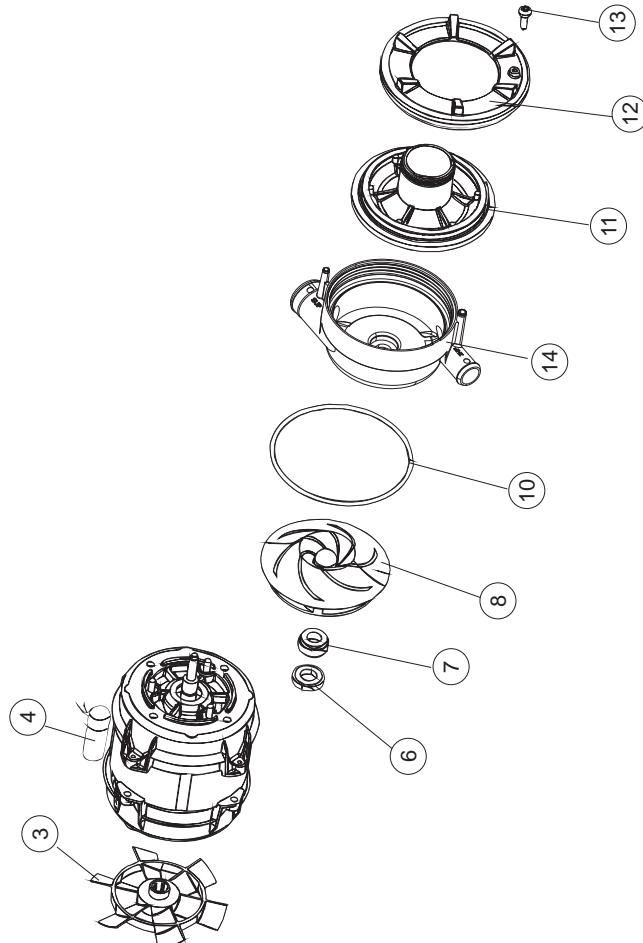
TOLERANCES ON DIMENSIONS UNLESS OTHERWISE SPECIFIED WHOLE mm:±0.5 ANGULAR:±1°			
ISSUE	01	DRAWN BY:	J.G
①	NEW DWG	DATE 25.03.13	By J.G
		Sample No	

Goldstein  **ESWOOD**

Smartwash 500
PARTS LIST

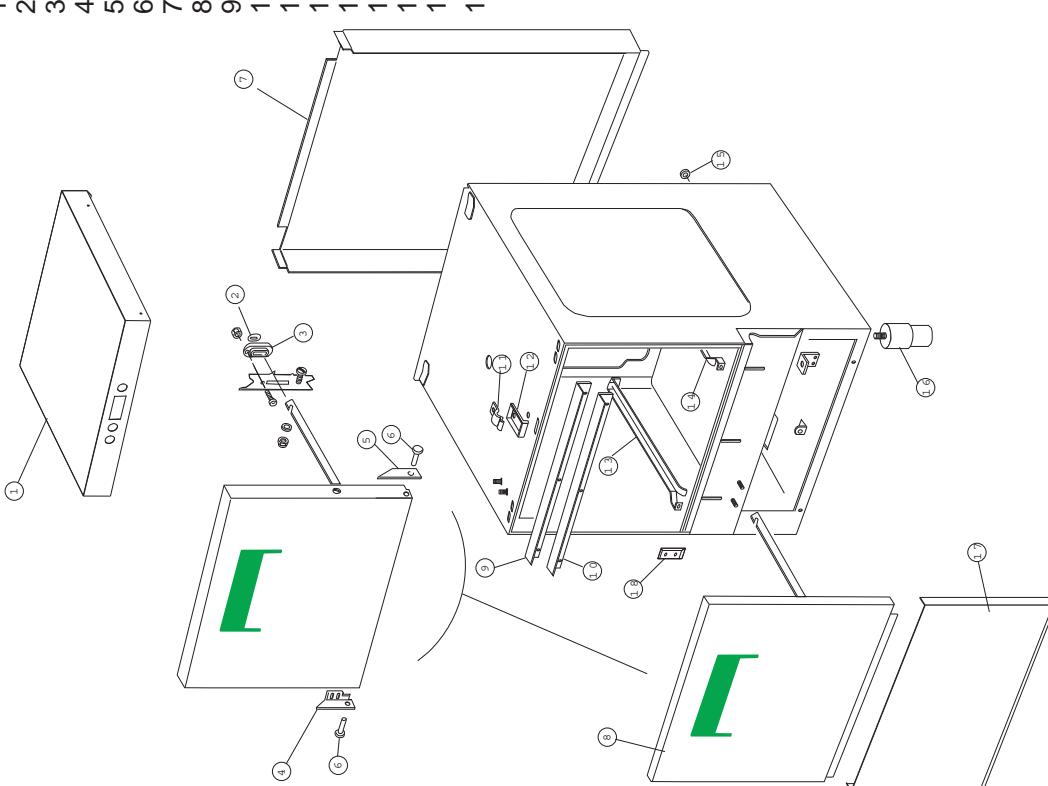
No	AMENDMENT	DATE	By	JIG No	Specific Instructions
①	NEW DWG	25.03.13			
				SCALE	DRAWING No
				NTS	SW500-A05

PARTS LIST - SMARTWASH 500

Part Position	Part Code	Description	Smartwash 500				
			PARTS LIST				
			TOLERANCES ON DIMENSIONS UNLESS OTHERWISE SPECIFIED WHOLE mm: ± 0.5 ANGULAR: $\pm 1^\circ$				
			No	AMENDMENT	DATE	CHECKED	SCALE
			①	NEW DWG	25.03.13	J.G	DRAWING NO
						25.03.13	NTS
						DRAWN BY:	SW500-A06
1	130977	FAN					
3	335015	CONDENSER 10MF					
4	206002	WASH PUMP SHAFT SEAL					
6	141008	WASH PUMP SHAFT SEAL					
7	141009	IMPELLER					
8	124057	O-RING PUMP 3.53X170.5					
10	456078	PUMP CAP					
11	480148	NUT					
12	429074	SCREW 3.5X13					
13	486242						
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
			<img alt="Smartwash 500 pump assembly diagram with part numbers 1 through 14				

PARTS LIST - SMARTWASH 400

Part Position	Part Code	Description
1	004212	COVER
2	028078	PLATE DOOR LEDGE
3	307005	DOOR LEDGE FOR ROD
4	311009	DOOR HINGE LH
5	311008	DOOR HINGE RH
6	325034	DOOR HINGE PIN
7	022137	REAR PANEL
8	029704	DOOR GASKET
9	437058	BRACKET, FIXED FOR DOOR GASKET
10	133294	SPRING LOCK
11	449036	DOOR LOCK TAB covers
12	329012	BASKET GUIDE
13	015059	BASKET GUIDE
14	015058	GROMMET
15	459006	FRONT PANEL OUTER
17	461020	DOOR THICKNESS PLATE
18	012188	



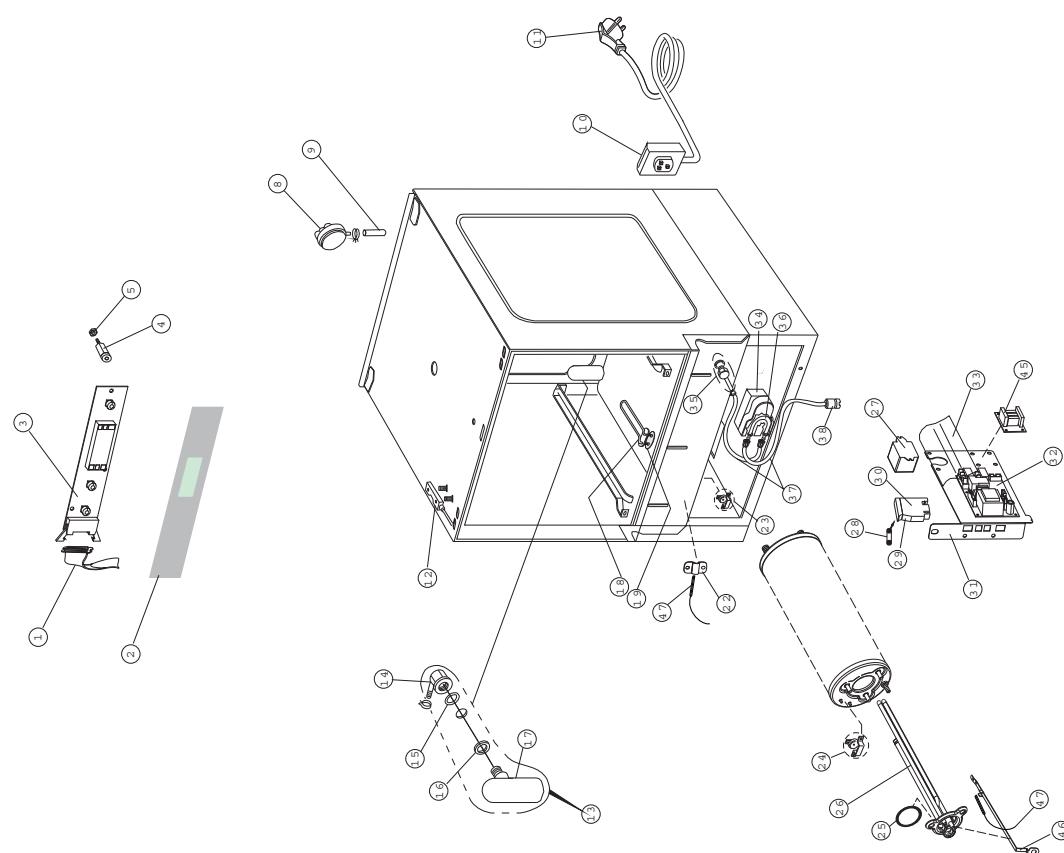
Smartwash 400			
PARTS LIST			
		DATE	DRAWING NO.
		CHECKED	SCALE
		25.03.13	
ISSUE	01	DRAWN BY:	J.G
		NTS	SW400-A01

Smartwash 400			
PARTS LIST			
		DATE	DRAWING NO.
		CHECKED	SCALE
		25.03.13	
ISSUE	01	DRAWN BY:	J.G
		NTS	SW400-A01

**TOLERANCES ON
DIMENSIONS UNLESS
OTHERWISE SPECIFIED
WHOLE mm:±0.5
ANGULAR:±1°**

PARTS LIST - SMARTWASH 400

Part Position	Part Code	Description
1	211017	FLAT WIRE
2	026351	CONTROL KEYBOARD
3	80944	SPACER M3
4	419036	NUT M3 PLASTIC WHITE
5	417119	PRESSURE SWITCH
8	224004	PIPE PVC GREEN 4x7
9	143013	CABLE CLAMPS
10	459018	PLUG + CABLE CLAMP
11	299047	MAGNETIC DOOR SWITCH
12	80871	PRESSURE SWITCH BELL ASSY
13	984005	UNION PRESSURE SWITCH BELL
14	468029	O-RING
15	456020	GASKET
16	437019	PRESSURE SWITCH BELL
17	107005	WASH TANK ELEMENT 600W/230V
18	230098	ELEMENT GASKET TANK WASH
19	437086	FIXING PLATE
22	028105	THERM. CONT.
23	236047	O-RING 37.4x5.33 NBR
24	236039	HEATING ELEMENT 2600W/230V
25	456075	RELAY
26	230113	FUSE 5x20 4A FAST
27	229039	FUSE HOLDER
28	228004	PLATE
29	210010	FIXED SIDE BRACKET
30	210011	PROTECTION TRANSP.
31	035114	DETERGENT PUMP
32	215034-1	UNION DETERGENT
33	214077	TUBE 6x10
34	209039	PIPE 4x6 CRYSTAL TRANSP.
35	468151	FILTER GROUP
36	143267	MAIN BOARD
37	143194	PROBE HOLDER
38	121993	TEMP. PROBE
45	215036	
46	69871	
47	231016	



Smartwash 400 PARTS LIST			
TOLERANCES ON DIMENSIONS UNLESS OTHERWISE SPECIFIED WHOLE mm: \pm 0.5 ANGULAR \pm 1°		DRAWING NO	
DATE	CHECKED	SCALE	DRAWING NO
25.03.13			NTS SW400-A02
ISSUE	01	DRAWN BY:	J.G

Specific Instructions	

PROGA05

PARTS LIST - SMARTWASH 400

Part Position	Part Code	Description
1	143239	H PIPE COND. LOW
2	144010	CHECK VALVE W/ DRAIN UNION
3	143222	PIPE BLUE D10
4	143237	PIPE BOILER
5	437041	GASKET 3/4 GAS LOAD
6	143260	PIPE 3/4 DI13 X 1.5M
7	240016	LOADING S. VALVE 1-WAY 3/4 230V
8	143228	PIPE BOILER WATER INLET 8X9XL250
9	104056	BOILER
10	143005	PIPE, PRESSURE SWITCH TP 5X11
11	209036	RINSE AID PUMP
12	121993	FILTER GROUP
13	H.7755601	PIPE 4X6 CRYSTAL BLUE PVC
14	142051	OVERFLOW
15	121144	PUMP ASPIRATION FILTER
16	429065	RING NUT DRAIN
17	437079	GASKET LOWER SHELF
18	127054	SLEEVE DRAIN PUMP
19	127053	SLEEVE UPPER DELIVERY
20	480087	CAP LOWER BODY ASSY
21	437078	GASKET DISPENSER UPPER RINSE
22	999135	WASH PUMP
23	143266	TUBE 5X10
31	437083	GASKET RUBBER D32 D19.5 S1.5
41	130178	PIPE DRAIN D18
43	143137	

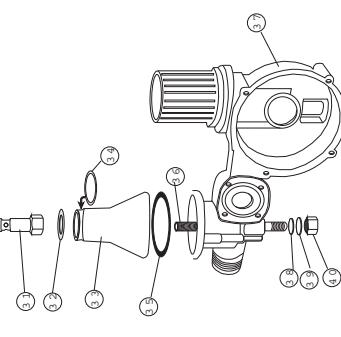
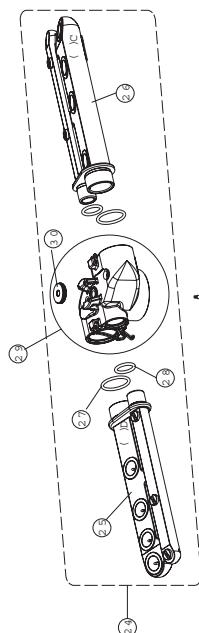
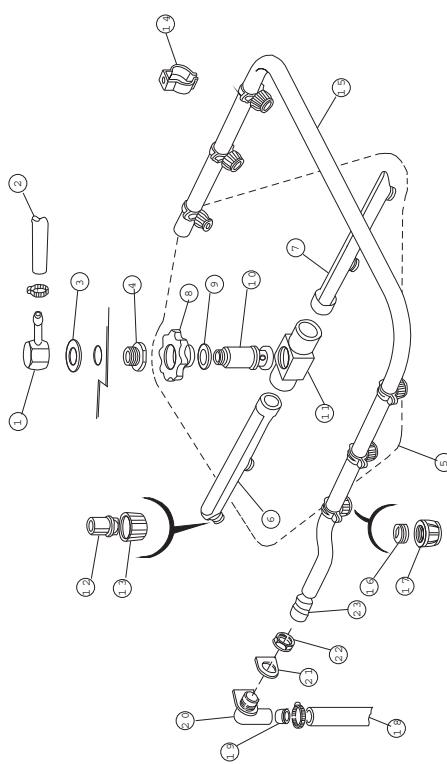
Smartwash 400 PARTS LIST			
TOLERANCES ON DIMENSIONS UNLESS OTHERWISE SPECIFIED WHOLE mm:±0.5 ANGULAR:±1°			
ISSUE 01	DATE 25.03.13	SCALE	DRAWING NO
① NEW DWG	DATE 25.03.13	SCALE	DRAWING NO
No	AMENDMENT	By J.G	Specific Instructions Sample No

PRO8A05

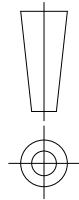
NTS SW400-A03

PARTS LIST - SMARTWASH 400

Part Position	Part Code	Description
1	468165	LUG PLASTIC UNION
2	143239	H PIPE CON. LOW
3	437078	GASKET DISPENSER UPPER RINSE
4	429050	RING NUT UNION PIPE FIX
5	993031	RINSE ARM LH GREY
6	106035	RINSE ARM RH GREY
7	106036	RING NUT GUICE AND RINSE FIX
8	429008	GASKET UPPER RINSE
9	437008	PIN RINSE COMB
10	325001	RINSE ARM SUPPORT COMB UPPER
11	129002	SPRAY
12	140007	RING NUT RINSE
13	429006	SPRING FIX UPPER WASH
14	449045	COMB UPPER WASH PLASTIC
15	129053	THREADED IMPELLER WASHING
16	119003	SPRAY UPPER
17	140010	SLEEVE UPPER DELIVERY
18	127053	INSERT FOR UPPER PLASTIC WATER
19	199051	MANIFOLD UPPER WASHING
20	111026	GASKET UNION UPPER WASH
21	437080	NUT TO FIX WASH MANIFOLD
22	417038	INSERT SEAL D18
23	441010	PARALLEL WASH ARM ASSY
24	990110	WASH RINSE ARM 7 NOZZLES PARALLEL
25	106149	WASH RINSE ARM 6 NOZZLES PARALLEL
26	106148	PIN
27	456071	DISC WATER FLOW REDUCER
28	456070	CENTRE PIPELINE
29	129067	RING SEAL AND SLIDING
30	454006	O-RING
31	325078	SUPPORT COMB PIN
32	199052	WASH PUMP ASSY
33	115110	O-RING
34	303018	O-RING
35	456061	BRASS NUT
36	478056	PRO6A05
37	111023	PRO6A05
38	456019	PRO6A05
39	456006	PRO6A05
40	417104	PRO6A05



Smartwash 400			
PARTS LIST			
TOLERANCES ON DIMENSIONS UNLESS OTHERWISE SPECIFIED WHOLE mm: ± 0.5 ANGULAR: $\pm 1^\circ$			
No	AMENDMENT	DATE	
(1)	NEW DWG	25.03.13	J.G
			Sample No
ISSUE	01	DRAWN BY:	J.G
		NTS	SW400-A04



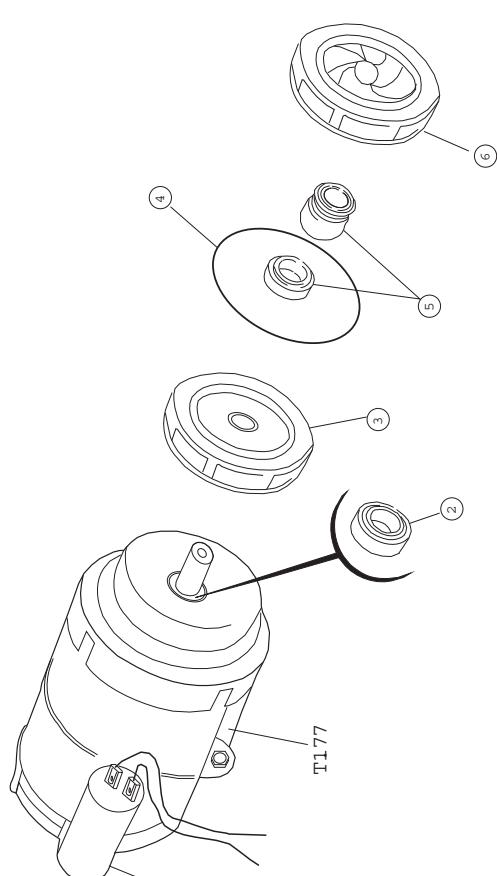


**" The ONLY HACCP approved
Warewashing made in Australia
for your protection "**



PARTS LIST - SMARTWASH 400

Part Position	Part Code	Description	PARTS LIST			
			DATE	JIG No	SCALE	DRAWING NO
1	206009	CONDENSER BEARING	25.03.13	J.G		
2	314009	FLANGE				
3	315024	O-RING PACKING FOR WASH PUMP				
4	456074	SEAL D26X13X5.5				
5	141007	PUMP IMPELLER D71.5				
6	124049					



T177

Smartwash 400					
PARTS LIST					
ISSUE	01	DRAWN BY:	J.G	NTS	SW400-A05
Goldstein	ESWOOD				
TOLERANCES ON DIMENSIONS UNLESS OTHERWISE SPECIFIED WHOLE mm: ± 0.5 ANGULAR: $\pm 1^\circ$					
DATE	CHECKED				
25.03.13					



Smartwash 400 & 500

Professional Under-Counter Dishwasher

GOLDSTEIN/ESWOOD SPARE PARTS & SERVICE

For inquiries and access to 24/7 service backup, please call our Toll-Free Number:

(Applicable to landline only charges apply for calls made from a Mobile Phone)

1800 013 123

This number will automatically access your nearest State office, or the technician
on duty if after hours. After hours charges apply.



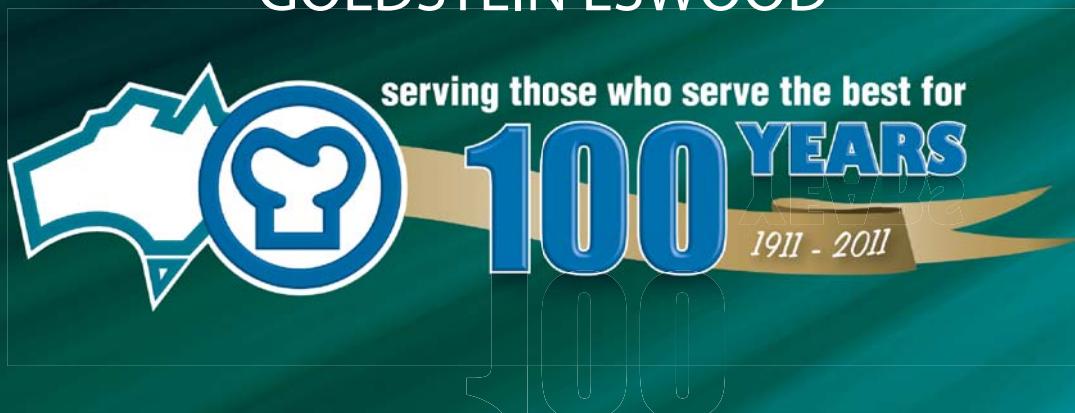
**" The ONLY HACCP approved
Warewashing made in Australia
for your protection "**



NOTES

AUSTRALIA'S PREMIER FOOD SERVICE EQUIPMENT MANUFACTURER

GOLDSTEIN ESWOOD



Head Office and Manufacturing Plant:
211 - 217 Woodpark Road SMITHFIELD NSW 2164
T: 1800 013 123 F: 02 9604 5420
Enquiries: info@goldsteineswood.com.au
Sales: sales@goldsteineswood.com.au

BRANCHES:

VICTORIA:

47 Stubbs St
KENSINGTON
VIC 3031
T: +61 3 9372 6577
F: +61 3 9372 6477

QUEENSLAND:

Unit 12, 210
Queensport Road North
MURARRIE VIC 3031
T: +61 7 3890 1811
F: +61 7 3890 1788

WESTERN AUSTRALIA:

Unit 2, 9 Meares Way
CANNING VALE
WA 6155
T: +61 8 9456 0559
F: +61 8 9456 0554

SOUTH AUSTRALIA:

T: 1800 013 123

TASMANIA:

T: +61 3 9372 6577
F: +61 3 9372 6477

goldsteineswood.com.au